APPENDIX A. AGENCY CORRESPONDENCE AND AGREEMENTS



Arizona Department of Transportation

Intermodal Transportation Division

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Michael J. Ortega State Engineer

Governor

Victor M. Mendez Director April 8, 2005

Dr. David Jacobs, Compliance Specialist State Historic Preservation Office Arizona State Parks 1300 West Washington Phoenix, Arizona 85007

RE:

Project No. STP-890-A(002)
TRACS No. 089 YV 349 H4129 01C
Clarkdale-Cottonwood
Section 106 Consultation
"no adverse effect"

Dear Dr. Jacobs:

The Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT) are planning the reconstruction and widening of State Route (SR) 89A between Mileposts (MP) 349.0 and 351.2. As this project would employ federal funds, it is considered an undertaking subject to Section 106 review. This project occurs on ADOT owned and private land. Consulting parties for this project include FHWA, ADOT, the State Historic Preservation Office (SHPO), the Hopi Tribe, and the Yavapai-Apache Nation.

The scope of this project would involve the construction of five round-about traffic circles at the intersection of SR 89A and Old SR 89A in Clarkdale, and at the intersections of SR 89A with Valley View Road, Lincoln Drive, Groseta Ranch Road, and the realigned Black Hills Drive. Additional ground disturbing activities would include widening the existing 2-lane minor arterial to a rural 5-lane highway, extending box culverts, and realigning intersecting streets. New right-of-way (ROW) and temporary construction easements (TCEs) are necessary for this project. The area of potential effect (APE) is the entire variable width corridor, which is generally 100-ft-wide but expands to 383-ft-wide at the round-about circles between MP 349.0 and 351.2.

Portions of the APE were previously surveyed by Archaeological Research Services, Inc. (ARS) in conjunction with separate undertakings. The results are reported in "Cultural Resources Survey of a 35.85 Mile Segment of U.S. Alternative Route (U.S. 89A) Right-of-way in Northeastern Yavapai County, Arizona" (Hathaway and Gregory 1991) and "Cultural Resources Survey of a 2.2 Mile Long Segment of Arizona Department of Transportation-Owned Land Along State Route 89 Between Clarkdale and Cottonwood, Northeastern Yavapai County, Arizona" (Stone 1996). Four sites were recorded within the

Jacobs April 8, 2005 Page 2 of 3

current project APE as a result of the survey: AZ N:7:61 (ASM), AZ N:8:39 (ASM), AZ N:8:40 (ASM), and AZ N:8:41 (ASM).

AZ N:7:61 (ASM) is the historic Prescott-Jerome Highway. The National Register of Historic Places (NRHP)-eligibility of AZ N:7:61 (ASM) was not previously evaluated. According to the Interim Procedures for Treatment of Historic Roads (November 15, 2002), AZ N:7:61 (ASM) is recognized as part of the Historic State Highway System and is recommended as eligible for inclusion in the NRHP under Criterion D, for its potential to yield important information about the development of Arizona's roadways.

AZ N:8:39 (ASM), remnants of an historic railroad grade, was recommended to be ineligible for inclusion in the NRHP; SHPO concurred with this recommendation (Miller [SHPO] to Lindauer [ADOT], October 16, 1996).

AZ N:8:41 (ASM), a low-to-moderate density scatter of lithic artifacts, was not previously evaluated for its NRHP-eligibility.

AZ N:8:40 (ASM), consisting of two cobble masonry circular features, was subjected to testing/data recovery to determine its NRHP-eligibility. The information potential of AZ N:8:40 (ASM) was exhausted as a result of these investigations; SHPO concurred with this recommendation (Miller [SHPO] to Lindauer [ADOT], August 22, 1997).

A fifth site, AZ N:8:42 (ASM), was identified and recorded during the testing of AZ N:8:40 (ASM) (Stone [ARS] to Gasser [ADOT], June 24, 1996). It has not been evaluated for its NRHP-eligibility

The remainder of the APE, which includes the new ROW and TCEs, has recently been surveyed by Logan Simpson Design, Inc. (LSD). The survey results are reported in "A Cultural Resources Survey of 15 Acres at Five Intersections Along SR 89A, Between Mileposts 349.0 and 351.2, Clarkdale and Cottonwood, Yavapai County, Arizona" (Lonardo 2004a), and are enclosed here for your review. One newly recorded site, AZ N:4:107 (ASM), was identified as a result of the survey, and AZ N:7:61 (ASM)/the historic Prescott-Jerome Highway was documented, as reported separately in "Report on Old US 89A Between Mileposts 448.9 and 449.2 for Documentation of the Information Potential Associated with the Historic State Highway System" (Lonardo 2004b).

Site AZ N:4:107 (ASM) is identified as an historic to modern trash dump. The site contains a high density of surface artifacts. FHWA/ADOT recommend this site as ineligible for inclusion in the NRHP, as it fails to meet the NRHP Criteria of historical significance. It is not associated with a broad historical pattern or event (Criterion A); it is not associated with a significant person (Criterion B); it does not possess distinguishing characteristics of design, artistry, engineering, or craftsmanship (Criterion C); and lastly, it does not contain significant amounts of information relevant to a particular research topic (Criterion D).

Jacobs April 8, 2005 Page 3 of 3

FHWA/ADOT recognize that the current roadway project would alter the historic fabric of the Prescott-Jerome roadway, however the location and function of the road will not be altered. FHWA/ADOT recommend, however, that documentation of AZ N:7:61 (ASM)/the historic Prescott-Jerome Highway within the APE results in "no adverse effect" on the roadway.

Because sites AZ N:8:41 (ASM) and AZ N:8:42 (ASM) cannot be avoided by the project, FHWA/ADOT commit to developing and implementing a treatment plan to evaluate the NRHP-eligibility of the two sites. Should the sites be determined eligible for inclusion in the NRHP as a result of testing, further data recovery would be conducted.

Please review the enclosed reports and the information provided in this letter. If you find the reports adequate and agree with FHWA/ADOT's eligibility recommendations and determination of "no adverse effect", please indicate your concurrence by signing below. If you have any questions or concerns, please feel free to contact me at 602-712-8636 or e-mail slaine@azdot.gov.

Sincerely, encle E. Laine

Serelle E. Laine

Historic Preservation Coordinator Environmental & Enhancement Group 205 South 17th Avenue, Room 213E / MD 619E

Phoenix, Arizona 85007

Signature for SHPO Concurrence

13 APRIL 05

Enclosures

cc: SThomas (FHWA)



DEPARTMENT OF THE ARMY

LOS ANGELES DISTRICT, CORPS OF ENGINEERS
ARIZONA-NEVADA AREA OFFICE
3636 NORTH CENTRAL AVENUE, SUITE 900
PHOENIX. ARIZONA 85012-1939

REPLY TO

January 26, 2005

Office of the Chief Regulatory Branch

Ms. Audrey Colclough Arizona Department of Transportation Highway Division 205 S. 17th Avenue, Mail Drop 619E Phoenix, Arizona 85007-3276

File Number: 2005-00462-CJL

Dear Ms. Colclough:

Reference is made to your letter of November 30, 2004 in which you inquired as to the jurisdictional limits of Section 404 of the Clean Water Act for Mescal Gulch, Mescal Gulch North Fork, Walnut Creek and unnamed washes located at (Sections 19,29,30,32,33, T16N, R3E), Clarkdale, Yavapai County, Arizona.

The enclosed aerial photograph delineates the waters of the United States, including wetlands, regulated by Section 404 of the Clean Water Act. This approved jurisdictional determination will remain in effect for five years from the date of this letter unless an unusual flood event occurs. After this five-year period or after an unusual flood event alters stream conditions, the Corps of Engineers reserves the authority to retain the original jurisdictional limits or to establish new jurisdictional limits as conditions warrant.

Each water of the United States herein delineated is a water that is tributary to an interstate water. The Section 404 jurisdictional limit for a water of the United States is defined at 33 CFR Part 328. The jurisdictional limit for a non-tidal water of the United States is determined by the jurisdictional wetland boundary and/or the ordinary high water mark. The jurisdictional limit of a wetland is determined in accordance with the Corps of Engineers 1987 Wetlands Delineation Manual. Otherwise, presence of the indicators stated in the definition of ordinary high mark (33CFR 328.3(e)) are used to establish the jurisdictional limit of a water of the United States. The basis of this jurisdictional determination is shown on the enclosed checklist:

Any discharge of dredged or fill material within the designated jurisdictional area requires a Section 404 permit from the Corps of Engineers. The Corps of Engineers emphasizes avoidance of the delineated jurisdictional area. Please review this delineation and evaluate your proposed activity to ensure that avoidance of the jurisdictional area is given full consideration in your design. If all discharges of dredged or fill material occur outside the designated jurisdictional area, no Section 404 permit is required. If avoidance is not practicable, please reference File Number 2005-00462-CJL when submitting your Section 404 permit application to the Corps of Engineers. Please be advised that your application needs to substantiate that avoidance of designated jurisdictional areas is not practicable and substantiate that impacts to waters of the United States have been minimized.

Furthermore, you are hereby advised that the Corps of Engineers has established an Administrative Appeal Process for jurisdictional determinations which is fully described at 33 CFR Part 331. The Administrative Appeal Process for jurisdictional determinations is diagrammed on the enclosed Appendix C. If you decide not to accept this approved jurisdictional determination and wish to provide new information please send the information to this office. If you do not supply additional information you may appeal this approved jurisdictional determination by completing the attached "Notification of Administrative Appeal Options and Process and Request for Appeal" form and submitting it directly to the Appeal Review Officer at the address provided on the form.

The receipt of your letter is appreciated. If you have questions, please contact Dana Owsiany, P.E. at (602) 640-5385 x 254.

Sincerely,

Cindy Lester, P.E. Chief, Arizona Section Regulatory Branch

Enclosure(s)

Copies Furnished: (Without Enclosures)

Wayne Colebank Logan Simpson Design, Inc. 51 West 3rd Street Ste 450 Tempe, Arizona 85281-2831

Basis of Jurisdictional Determination

Date of desk determination: January 10, 2005

Supporting documentation:

X	Applicant's proposed jurisdictional determination
	Wetland delineation following 1987 Corps Wetland Delineation Manual
X	Aerial photography interpretation
(Ground photographs/videotape of site
X ?	Topographic map interpretation
]	Review of historical records and/or aerial photography
	Comparison of previously accepted delineations of the area
X 1	USGS map(s)
]	Flow data (drainage reports, modeled flows, USGS gage data, or other sources)
X 1	Floodplain maps
	Soil Maps
]	Environmental Assessment/ Environmental Impact Statement
1	National Wetland Inventory Maps
	Staff knowledge of precipitation and fluvial dynamics of the region
1	Biological resource reports
(Other

NOTIFICATION OF ADMINIST RE	TRATIVE APPEAL OPTIONS AND PROJECT FOR APPEAL	OCESS AND	
Applicant: Arizona Department of Transportation	File Number: 2005-00462-CJL	Date: January 11, 2005	
Highway Division Attached is:	See Section below		
INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission) PROFFERED PERMIT (Standard Permit or Letter of permission)		AB	
PERMIT DENIAL X APPROVED JURISDICTIONAL DETERMIN	C D		
PRELIMINARY JURISDICTIONAL DETER	MINATION	E	

SECTION I: The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://usace.army.mil/inet/functions/cw/cecwo/reg or Corps regulations at 33 CFR Part 331.

- A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.
- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the DISTRICT engineer for
 final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your
 signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights
 to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may
 request that the permit be modified accordingly. You must complete Section II of this form and return the form to
 the DISTRICT engineer. Your objections must be received by the DISTRICT engineer within 60 days of the date of
 this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the
 DISTRICT engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b)
 modify the permit to address some of your objections, or (c) not modify the permit having determined that the
 permit should be issued as previously written. After evaluating your objections, the district engineer will send you a
 proffered permit for your reconsideration, as indicated in Section B below.
- B: PROFFERED PERMIT: You may accept or appeal the permit.
- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the DISTRICT engineer for
 final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your
 signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights
 to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions
 therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by
 completing Section II of this form and sending the form to the DIVISION (not district) engineer (address on reverse).
 This form must be received by the DIVISION (not district) engineer within 60 days of the date of this notice.
- C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the DIVISION (not district) engineer (address on reverse) engineer. This form must be received by the DIVISION (not district) engineer within 60 days of the date of this notice.
- D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.
- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date
 of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers
 Administrative Appeal Process by completing Section II of this form and sending the form to the DIVISION (not
 district) engineer (address on reverse) engineer. This form must be received by the division engineer within 60 days
 of the date of this notice.
- E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL OF PROFFERED PER ENGINEER OF SUBMITTAL OF OBJECTIONS TO AN INTE	AL PROFFERED PERMIT OF NE	WINFORMATION FOR.		
APPEAL OF APPROVED JURISDICTIONAL DETERMINAT				
REASONS FOR APPEAL OR OBJECTIONS: (Describe your	reasons for appealing the decision	n or your objections to an		
initial proffered permit in clear concise statements. You may	attach additional information to	this form to clarify where		
your reasons or objections are addressed in the administrativ	e record.)			
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determined is needed to clarify the administrative record. N				
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POINT OF CONTACTEOR OUESTIONS OR INFORMATIC	Newspaperson	Surrent David De Colonia		
If you have questions regarding this decision and/or the	If you only have questions regar	rding the appeal process		
appeal process you may contact:	you may also contact:			
DISTRICT ENGINEER	DIVISION ENGINEER			
Los Angeles District, Corps of Engineers				
Attn: Chief, Regulatory Branch	Attn: Doug Pomeroy Administrative Appeal Review Officer			
PO Box 532711 Los Angeles, CA 90053 (213-452-3425)	333 Market Street San Francisco,	CA 94015 (415-977-8035)		
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RIGHT OF ENTRY: Your signature below grants the right of	fentry to Corps of Engineers pers	sonnel, and anv		
government consultants, to conduct investigations of the pro-				
provided a 15 day notice of any site investigation, and will h	ave the opportunity to participat	e in all site investigations		
Provided a 10 day florice or any site nivestigation and will h		Telephone number:		
	Date.	reseptione number.		
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Signature of appellant or agent.	L			



in Reply Refer to: AESO/SE 02-21-05-I-0094

United States Department of the Interior

U.S. Fish and Wildlife Service 2321 West Royal Palm Road, Suite 103 Phoenix, Arizona 85021-4951

Telephone: (602) 242-0210 FAX: (602) 242-2513



December 3, 2004

Ms. Patricia McCabe Logan Simpson Design, Inc. 51 West Third Street, Suite 450 Tempe, Arizona 85281

Subject: State Route 89A Cement Plant Road to Black Hills Drive

Dear Ms. McCabe:

This responds to the Arizona Department of Transportation's October 20, 2004, request for our comments on the subject action. The action involves widening an existing 2.2 mile section of this route to four lanes with a raised median and five roundabouts located between mile markers 349.0 and 351.2 in the vicinity of Clarkdale and Cottonwood in sections 3 and 4, T15N, R3E, and sections 19, 29, 30, 32 and 33, T16N, R3E, Yavapai County, Arizona. This letter documents our recommendations regarding threatened and endangered species, critical habitat, species proposed to be listed, or critical habitat proposed to be designated, under the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.) (Act). The action agency is the Federal Highway Administration.

The Arizona Ecological Services Field Office has posted lists of candidate, proposed, threatened and endangered species, and relevant designated or proposed critical habitat, for all of Arizona's counties on the Internet. Please refer to the website http://arizonaes.fws.gov for species information for the county where your project occurs. If you have difficulty obtaining a list, please contact our office and we will mail or fax you one. For future projects it is not necessary to contact our office to obtain a species list if you choose to access our website directly.

On the webpage's left side choose "Threatened & Endangered". Scroll down to the state map and click the county of choice. Species information includes status, counties of occurrence, and a summary of the species' physical description, elevation range and habitat, and some general comments including citations for Federal Register (FR) notices. (The FR is available at most public libraries and on the Internet.) At our website, more information for each species can be obtained at the main page by clicking on "Document Library" and "Documents by Species".

Ms. Patricia McCabe 2

Please note that your action area may not include all or any of the species listed on our webpage. The information at our site and in the FR should be useful to you in determining which species may occur within the action area. Site-specific surveys may be needed to verify the presence or absence of a species or its habitat, in order to complete the analysis of project-related effects.

Threatened and endangered species are protected by Federal law and must be considered prior to project development. If the action agency determines that listed species or critical habitat may be affected by a federally funded, permitted or authorized activity, the agency needs to consult with us. Please note that a "may affect" determination includes effects that may not be adverse and that may be beneficial, insignificant or discountable. An effect exists even if only one individual or habitat segment may be affected. The effects analysis needs to include the entire action area, which often extends well outside the "footprint" of the project (e.g., downstream). If the agency determines that the action may jeopardize a proposed species or adversely modify proposed critical habitat, the agency needs to enter into a section 7 conference. Candidate species, which may be listed on our webpage, are those for which there is sufficient information to support a proposal for listing. Although candidate species have no legal protection under the Act, we recommend that they be considered in the planning process in the event they become proposed or listed prior to project completion.

Based on our discussions with you and Kay Nicholson, a biologist with Logan Simpson Design, Inc., it appears there is no habitat for Federally listed species in the immediate vicinity of the project. The closest area where listed species may occur is over one mile from the project site, in association with the Verde River. Listed species known to occur in or along the river in the Clarkdale/Cottonwood vicinity and downstream include the bald eagle (Haliaeetus leucocephalus), Colorado Pikeminnow (Ptychocheilus lucius), razorback sucker (Xyrauchen texanus), spikedace (Meda fulgida), southwestern willow flycatcher (Empidonax traillii extimus) and the yellow-billed cuckoo (Coccyzus americanus) which is a candidate for Federal listing. Although we do not anticipate direct effects to these species, we recommend measures to avoid and minimize indirect cumulative effects that could be associated with impacts to water quality. A number of washes crossed by the subject route could act as pathways for degraded water to reach the Verde River. Any impacts to water quality from this action when added to other actions in the watershed that also impact water quality could affect species associated with the river. We recommend use of best management practices such as buffering drainages from surface disturbing activities, refueling or lubricating machinery/equipment, and the storage of any hazardous materials. Where surface disturbance close to drainages is unavoidable, barriers such as silt fences or hay bales should be placed to minimize siltation of run-off.

In addition to species listed under the Act, we recommend you consider species protected under the Migratory Bird Treaty Act (MBTA). The MBTA prohibits the take of species on the list of migratory birds (see Section 10.13, Title 50 of the Code of Federal Regulations).

If an action will occur in or near areas with vegetation growing along watercourses, known as riparian habitat, we recommend the protection of these areas. Riparian areas are essential to biological community diversity and provide linear corridors important to migratory species. In

Ms. Patricia McCabe

addition, if the project will result in deposition of dredged or fill materials into waters of the United States, we advise contacting the U.S. Army Corps of Engineers, which regulates these activities under Section 404 of the Clean Water Act.

The State of Arizona and various American Indian Tribes protect some species not protected by Federal law. We recommend you contact the Arizona Departments of Game and Fish (AZGFD), and Agriculture for State-listed species, and contact the appropriate Tribe(s) to determine if species protected by Tribal governments may occur in your action area. We also recommend that you invite any affected Tribe(s) to participate in your section 7 consultation.

Thank you for the opportunity to comment on the proposed project. In future communication regarding this project please refer to consultation number 02-21-05-I-0094. If you need more assistance or have any questions, please contact John Nystedt at (928) 226-0614 (x104) or Brenda Smith (x101) of our Flagstaff Suboffice. Thank you for your continued efforts to conserve endangered species.

Sincerely,

Steven L. Spangle

cc: Chairman, Yavapai-Apache Nation, Camp Verde, AZ Chief, Habitat Branch, Arizona Game and Fish Department, Phoenix, AZ

W: Vohn Nystedt\ADOTsr89Acementplantroadto.doc:cgg

CLARKDALE FIRE DEPARTMENT

PO Box 308, Clarkdale, AZ 86324 Phone: 928-639-4591 Fax: 928-649-2655

July 15, 2004

Ms. Jill R. Harris Environmental Planner Logan Simpson Design Inc. 51 West Third Street, Suite 450 Tempe, AZ 85281

RE: State Route 89A Cement Plant Road to Black Hills Drive

Environmental Assessment

TRACS No. 089A YV 349 H4129 01C

Dear Ms. Harris:

The Clarkdale Fire Department is not aware of any conditions or environmental impacts that this project might affect.

Sincerely,

Don Eberle

Interim Fire Chief

Don Eliste

W/Eberle/Clarkdale/letters 2004/Jill Harris - ADOT



August 02, 2004

Jill R. Harris Environmental Planner Logan Simpson Design Inc. 51 West Third Street, Suite 450 Tempe, Arizona 85281

Re: State Route 89A Cement Plant Rd. to Black Hills Dr. Environmental Assessment TRACS No. 089A YV 349 H4129 01C

Dear Ms. Harris:

The City of Cottonwood is pleased to provide comments for your assessment effort. Regardless of the chosen design alternative the City does offer the following comments and concerns:

- The design should be sensitive to the importance of non-motorized trail opportunities created by the area's natural drainage system, namely washes and gulches like Mescal Wash. These recreational travel corridors, as identified in the Cottonwood General Plan 2003-2013 (see fig. 9.4 in the Open Space & Recreation Element), provide safe access from the Mingus Foothills to the Verde River Greenway trail system, the growing regional trail system at Dead Horse State Park, and other locations throughout the City. Additionally, intermittent drainages such as Mescal Wash function as vital wildlife corridors, allowing animals such as coyotes, javelinas, and foxes to travel between the foothills and the river. Therefore, the City urges ADOT to consider placing a tunnel (or similar device) under 89A at the Mescal Wash crossing that could accommodate both drainage requirements and the circulation needs of local human and wildlife populations.
- The streetscape design should safely and attractively incorporate pedestrian-oriented travel features. Because of the nature and composition of traffic, the city recommends including landscaping areas 7' to 8' wide between the roadway and the sidewalk in order to mitigate safety concerns and remove the pedestrian from the unpleasant roadway environment.
- In addition, we think bicycles lanes should be incorporated into the project design in a fashion that will facilitate and encourage the use of an alternative transportation mode while protecting the safety of the user.
- Finally, because this stretch of 89A transects the Cottonwood/Clarkdale municipal boundary, we would like the opportunity to provide a gateway feature that would let

travelers know they have entered Cottonwood. This would be similar to other gateway signs around town like the one on Old Highway 89A.

Please contact our offices, if you have any further questions.

Sincerely,

Jerry Owen

Community Development Director

City of Cottonwood 827 North Main Street Cottonwood, AZ 86326 928-634-5505

Emily Christ

From: Rcpbauer@aol.com

Sent: Sunday, August 15, 2004 5:59 PM

To: Jill Harris

Subject: SR 89A Cement Plant Road to Black Hills Drive



August 13, 2004

To: Jill R. Harris

ADOT Environmental & Enhancement Group

iharris@lsdaz.com

From: Clarkdale Chamber of Commerce

Robyn Prud'homme-Bauer ropbauer@aol.com

RE: State Route 89A Cement Plant Road to Black Hills Drive

The Clarkdale Chamber of Commerce is very supportive of the proposed widening of SR 89A to four lanes with a raised median and five roundabouts. The reasons for our support are:

- 1. This road design will make Clarkdale have an entrance that distinguishes it from Cottonwood. The roundabouts can be designed to acknowledge the different neighborhoods in Clarkdale. We can continue to have the feel of a small town no traffic lights.
- This road design is safer than any of the other alternatives proposed. Safety is a major concern. It is a
 road that carries many trucks to and from CTI and Phoenix Cement. The key is moving vehicular and
 truck traffic efficiently and at speeds that are safe. This design meets that requirement.
- This road design helps connect the east and west sides of Clarkdale by having safe crosswalks for pedestrians.
- SR 89A is the main commercial area of Clarkdale. Access to the businesses along SR 89A needs to be safe and easy. Roundabouts allow easy access to all businesses and makes SR 89A a safe road.

We acknowledge that some people have raised concerns about roundabouts. We believe this will necessitate a good PR information campaign to educate people about roundabouts. We will get used to them as we use them.

The worst alternative would a five-lane urban roadway. Traffic lights cause more air pollution. The middle turn lane is very unsafe – some call them suicide lanes. It will promote excessive number of driveways and continue the same situation that exists on SR 89A through Cottonwood. This does not meet the criteria of limit access and

10/15/2004

efficient flow of traffic.

We urge that ADOT move forward with the favored proposal on SR 89A.

10/15/2004

THE STATE OF ARIZONA



GAME AND FISH DEPARTMENT

2221 West Greenway Road, Phoenix, AZ 85023-4399 (602) 942-3000 • azgfd.com GOVERNOR
JANET NAPOLITANO
COMMISSIONERS
CHAIRMAN, SUSAN E. CHILTON, ARIVACA
W, HAYS GILSTRAP, PHOENIX
JOE MELTON, YUMA
MICHAEL M, GOLIGHTLY, FLAGSTAFF
WILLIAM H MCLEAN, GOLD CANYON
DIRECTOR
DUANE L. SHROUFE
DEPUTY DIRECTOR
STEVE K FERRELL



October 25, 2004

Ms. Patricia McCabe Logan Simpson Design Inc. 51 W. 3rd St. Suite 450 Tempe, AZ 85281

Re: Special Status Species Information for US Highway 89A, Milepost 349.0 to 353.0; Proposed Widening of Existing Roadway. Project Name: State Route 89A Cement Plant Road to Black Hills Drive. TRACS No.: 089A YV 349 H4129 01C.

Dear Ms. McCabe:

The Arizona Game and Fish Department (Department) has reviewed your request, dated October 20, 2004, regarding special status species information associated with the above-referenced project area. The Department's Heritage Data Management System (HDMS) has been accessed and current records show that the special status species listed on the attachment have been documented as occurring in the project vicinity (2-mile buffer). In addition this project occurs in the vicinity of Designated Critical Habitat for razorback sucker.

The Department's HDMS data are not intended to include potential distribution of special status species. Arizona is large and diverse with plants, animals, and environmental conditions that are ever changing. Consequently, many areas may contain species that biologists do not know about or species previously noted in a particular area may no longer occur there. Not all of Arizona has been surveyed for special status species, and surveys that have been conducted have varied greatly in scope and intensity.

Making available this information does not substitute for the Department's review of project proposals, and should not decrease our opportunities to review and evaluate new project proposals and sites. The Department is also concerned about other resource values, such as other wildlife, including game species, and wildlife-related recreation. The Department would appreciate the opportunity to provide an evaluation of impacts to wildlife or wildlife habitats associated with project activities occurring in the subject area, when specific details become available.

AN EQUAL OPPORTUNITY REASONABLE ACCOMMODATIONS AGENCY

Ms. Patricia McCabe October 25, 2004

If you have any questions regarding this letter, please contact me at (602) 789-3619. General status information, county and watershed distribution lists and abstracts for some special status species are also available on our web site at http://www.azgfd.com/hdms.

Sincerely,

Ginger L. Ritter

Heritage Data Management System, Data Specialist

SSS:glr

Attachment

cc:

Rebecca Davidson, Project Evaluation Program Supervisor Kevin Morgan, Habitat Program Manager, Region III

AGFD #10-21-04 (09)

Special Status Species within 2 Miles of US 89, MP 432.5 to 442.0

NAME	COMMON NAME	ESA	BLM	USFS	STATE
Agave delamateri	Tonto Basin Agave	SC		S	HS
Agosia chrysogaster	Longfin Dace	SC	S		
Buteogalius anthracinus	Common Black-hawk			S	WSC
Catostomus clarki	Desert Sucker	SC	S		
Catostomus insignis	Sonora Sucker	SC	S		
Coccyzus americanus occidentalis	Western Yellow-billed Cuckoo	С		S	WSC
Empidonax traillii extimus	Southwestern Willow Flycatcher	LE		S	WSC
Eriogonum ericifolium var. ericifolium	Heathleaf Wild-buckwheat			S	
	Ripley Wild-buckwheat	SC		S	SR
Eriogonum ripleyi	Roundtail Chub	SC	1	S	WSC
Gila robusta	Arizona Cliff Rose	LE	—		HS
Purshia subintegra	Lowland Leopard Frog	SC		S	WSC
Rana yavapaiensis	Verde Valley Sage	SC	1	S	SR
Salvia dorrii ssp. mearnsii	Northern Mexican Gartersnake	SC	1	S	WSC
Thamnophis eques megalops	INORTHER MEXICAL Gallershake	1 00			1

Within Critical Habitat for razorback sucker. AGFD # 10-21-04(09). Proposed Widening of Existing Roadway. Project Name: State Route 89A Cement Plant Road to Black Hills Drive. TRACS No.: 089A YV 349 H4129 01C.

Arizona Game and Fish Department, Heritage Data Management System, October 25, 2004.

STATUS DEFINITIONS

ARIZONA GAME AND FISH DEPARTMENT (AGFD) HERITAGE DATA MANAGEMENT SYSTEM (HDMS)

FEDERAL US STATUS

Endangered Species Act (1973 as amended) ESA

US Department of Interior, Fish and Wildlife Service (http://arizonaes.fws.gov)

Listed

- Listed Endangered: imminent jeopardy of extinction. LE
- Listed Threatened: imminent jeopardy of becoming Endangered. LT
- Experimental Nonessential population. XN

Proposed for Listing

- Proposed Endangered.
- Proposed Threatened. PТ

Candidate (Notice of Review: 1999)

- Candidate. Species for which USFWS has sufficient information on biological vulnerability and threats to support proposals to list as Endangered or Threatened under ESA. However, proposed rules have not yet been issued because such actions are precluded at present by other listing activity.
- Species of Concern. The terms "Species of Concern" or "Species at Risk" should be SCconsidered as terms-of-art that describe the entire realm of taxa whose conservation status may be of concern to the US Fish and Wildlife Service, but neither term has official status (currently all former C2 species).

Critical Habitat (check with state or regional USFWS office for location details)

- Yes: Critical Habitat has been designated. Y
- Proposed: Critical Habitat has been proposed. P
- No Status: certain populations of this taxon do not have designated status (check with state or regional USFWS office for details about which populations have designated status)].

USFS US Forest Service (1999 Animals, 1999 Plants: corrected 2000)

US Department of Agriculture, Forest Service, Region 3 (http://www.fs.fed.us/r3/)

Sensitive: those taxa occurring on National Forests in Arizona which are considered sensitive \mathbf{S} by the Regional Forester.

BLM US Bureau of Land Management (2000 Animals, 2000 Plants)

US Department of Interior, Bureau of Land Management, Arizona State Office (http://azwww.az.blm.gov)

- Sensitive: those taxa occurring on BLM Field Office Lands in Arizona which are considered S sensitive by the Arizona State Office.
- Population: only those populations of Banded Gila monster (Heloderma suspectum cinctum) P that occur north and west of the Colorado River, are considered sensitive by the Arizona State Office.

TRIBAL STATUS

NESL Navajo Endangered Species List (2000)

Navajo Nation, Navajo Fish and Wildlife Department

(http://www.heritage.tnc.org/nhp/us/navajo/esl.html)

The Navajo Endangered Species List contains taxa with status from the entire Navajo Nation which includes parts of Arizona, Utah, and New Mexico. In this notebook we provide NESL status for only those taxa whose distribution includes part or all of the Arizona portion of the Navajo Nation.

Groups

- 1 Those species or subspecies that no longer occur on the Navajo Nation.
- 2 Any species or subspecies which is in danger of being eliminated from all or a significant portion of its range on the Navajo Nation.
- 3 Any species or subspecies which is likely to become an endangered species, within the foreseeable future, throughout all or a significant portion of its range on the Navajo Nation.
- Any species or subspecies for which the Navajo Fish and Wildlife Department (NF&WD) does not currently have sufficient information to support their being listed in Group 2 or Group 3 but has reason to consider them. The NF&WD will actively seek information on these species to determine if they warrant inclusion in a different group or removal from the list.

MEXICAN STATUS

MEX Mexican Federal Endangered Species List (October 16, 2000)
Proyecto de Norma Oficial Mexicana PROY-NOM-059-ECOL-2000

The Mexican Federal Endangered Species List contains taxa with status from the entire Mexican Republic and waters under its jurisdiction. In this notebook we provide MEX designations for only those taxa occurring in Arizona and also in Mexico.

- P En Peligro de Extinción (Determined Endangered in Mexico): in danger of extinction.
- A Amenazada (Determined Threatened in Mexico): could become endangered if factors causing habitat deterioration or population decline continue.
- Pr Sujeta a ProtecciónEspecial (Determined Subject to Special Protection in Mexico): utilization limited due to reduced populations, restricted distribution, or to favor recovery and conservation of the taxon or associated taxa.
- Probablemente extinta en el medio silvestre (Probably extinct in the wild of Mexico): A native species whose individuals in the wild have disappeared, based on pertinent documentation and studies that prove it. The only existing individuals of the species are in captivity or outside the Mexican territory.
- [] = One or more subspecies of this species has status in Mexico, but the HDMS does not track it at the subspecies level (most of these subspecies are endemic to Mexico). Please consult the NORMA Oficial Mexicana PROY-NOM-059-ECOL-2000 for details.]

STATE STATUS

STATE:

Plants - NPL Arizona Native Plant Law (1999)

Arizona Department of Agriculture (http://agriculture.state.az.us/PSD/nativeplants.htm)

- Highly Safeguarded: no collection allowed. HS
- Salvage Restricted: collection only with permit. SR
- Export Restricted: transport out of State prohibited. ER
- Salvage Assessed: permits required to remove live trees. SA
- Harvest Restricted: permits required to remove plant by-products. $\mathbf{H}\mathbf{R}$

Wildlife - WSCA Wildlife of Special Concern in Arizona (in prep)

Arizona Game and Fish Department (http://www.azgfd.com)

WSC Wildlife of Special Concern in Arizona. Species whose occurrence in Arizona is or may be in jeopardy, or with known or perceived threats or population declines, as described by the Arizona Game and Fish Department's listing of Wildlife of Special Concern in Arizona (WSCA, in prep). Species indicated on printouts as WSC are currently the same as those in Threatened Native Wildlife in Arizona (1988).

Revised 8/24/04, AGFD HDMS J:\HDMS\DOCUMENT\NBOOKS\TEMPLATE\EORDEFS\STATDEF

THE STATE OF ARIZONA



GAME AND FISH DEPARTMENT

2221 WEST GREENWAY ROAD, PHOENIX, AZ 85023-4399 (602) 942-3000 • WWW.AZGFD.COM

GOVERN
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DEPUTY DIRECTOR
STEVE K. FERRELL



October 28, 2002

Mr. Steve Fairaizl Logan Simpson Design, Inc. 51 W. Third St. Suite 450 Tempe, AZ 85281

Re: Special Status Species Information for Township 16 North, Range 3 East, Sections 19, 29, and 33; ADOT to rebuild SR 89A between Clarkdale and

Cottonwood.

Dear Mr. Fairaizl:

The Arizona Game and Fish Department (Department) has reviewed your request, dated October 16, 2002, regarding special status species information associated with the above-referenced project area. The Department's Heritage Data Management System (HDMS) has been accessed and current records show that the special status species listed on the attachment have been documented as occurring in the project area (2-mile buffer). In addition, this project occurs in the vicinity of designated Critical Habitats for the razorback sucker, spikedace, and loachminnow (Verde River).

The Department's HDMS data are not intended to include potential distribution of special status species. Arizona is large and diverse with plants, animals, and environmental conditions that are ever changing. Consequently, many areas may contain species that biologists do not know about or species previously noted in a particular area may no longer occur there. Not all of Arizona has been surveyed for special status species, and surveys that have been conducted have varied greatly in scope and intensity.

Making available this information does not substitute for the Department's review of project proposals, and should not decrease our opportunities to review and evaluate new project proposals and sites. The Department is also concerned about other resource values, such as other wildlife, including game species, and wildlife-related recreation. The Department would appreciate the opportunity to provide an evaluation of impacts to wildlife or wildlife habitats associated with project activities occurring in the subject area, when specific details become available.

AN EQUAL OPPORTUNITY REASONABLE ACCOMMODATIONS AGENCY

Mr. Steve Fairaizl October 28, 2002

If you have any questions regarding the attached species list, please contact me at (602) 789-3618. General status information, state-wide and county distribution lists, and abstracts for some special status species are also available on our web site at: http://www.azgfd.com/frames/fishwild/hdms.site/Home.htm

Sincerely,

Sabra S. Schwartz

Heritage Data Management System, Coordinator

SSS:ss

Attachment

cc:

Bob Broscheid, Project Evaluation Program Supervisor Kevin Morgan, Habitat Program Manager, Region III

AGFD #10-21-02(18)

Special Status Species within 2 Miles of T16N,R3E Sec 19, 29, 33

Arizona Game and Fish Department, Heritage Data Management System
October 28, 2002

Scientific Name	Common Name	ESA	USFS	BLM	WSCA	NPL
AGAVE DELAMATERI	TONTO BASIN AGAVE	sc	s			HS
AGOSIA CHRYSOGASTER	LONGFIN DACE	sc		s		
BUTEOGALLUS ANTHRACINUS	COMMON BLACK-HAWK		S		wsc	
CATOSTOMUS CLARKI	DESERT SUCKER	sc		s		
CATOSTOMUS INSIGNIS	SONORA SUCKER	sc		s		
CICINDELA OREGONA MARICOPA	MARICOPA TIGER BEETLE	sc	S	S		
COCCYZUS AMERICANUS	YELLOW-BILLED CUCKOO	C			WSC	
EMPIDONAX TRAILLII EXTIMUS	SOUTHWESTERN WILLOW FLYCATCHER	LE	S		wsc	
ERIOGONUM RIPLEYI	RIPLEY WILD-BUCKWHEAT	sc	s			SR
GILA ROBUSTA	ROUNDTAIL CHUB	SC	s		wsc	
PURSHIA SUBINTEGRA	ARIZONA CLIFF ROSE	LE				HS
PYRGULOPSIS MORRISONI	PAGE SPRINGSNAIL	С	s	s		
RANA YAVAPAIENSIS	LOWLAND LEOPARD FROG	SC	S		WSC	
SALVIA DORRII SSP MEARNSII	VERDE VALLEY SAGE	sc	S			SR
THAMNOPHIS EQUES MEGALOPS	MEXICAN GARTER SNAKE	sc	s		wsc	
XYRAUCHEN TEXANUS	RAZORBACK SUCKER	LE	S		WSC	

Critical Habitats for the razorback sucker, spikedace, and loachminnow in project area. AGFD# 10-21-02(18); ADOT to rebuild SR 89A between Clarkdale and Cottonwood.



DEPARTMENT OF THE ARMY

LOS ANGELES DISTRICT, CORPS OF ENGINEERS ARIZONA-NEVADA AREA OFFICE 3636 NORTH CENTRAL AVENUE, SUITE 760 PHOENIX, ARIZONA 85012-1936

April 1, 1998

Office of the Chief Regulatory Branch

Arizona Department of Transportation Environmental Planning Section ATTN: Mr. Richard M. Duarte 205 S. 17th Avenue, Mail Drop 619E Phoenix, Arizona 85007-3213

File Number: 964-0062-LSF

Dear Mr. Duarte:

Reference is made to your letter of March 30, 1998 in which you inquired as to the jurisdictional limits of Section 404 of the Clean Water Act for U.S. Route 89A between Cement Plant Road in Clarkdale (milepost 349.0) and Verde Heights Drive in Cottonwood (milepost 351.6) over Deception Gulch, Mescal Gulch, and the unnamed washes at (Sections 29, & 33, T16N, R3E), Yavapai County, Arizona.

The Section 404 jurisdictional limits are indicated by the ordinary high water mark and/or wetland boundary designated on the enclosed aerial photograph or map. This jurisdictional determination will remain in effect for five years from the date of this letter unless an unusual flood event occurs. After this five year period or after an unusual flood event alters stream conditions, the Corps of Engineers reserves the authority to retain the original jurisdictional limits or to establish new jurisdictional limits as conditions warrant.

Any discharge of dredged or fill material within the designated jurisdictional area requires a permit from the Corps of Engineers under Section 404 of the Clean Water Act. The Corps of Engineers emphasizes avoidance of the delineated jurisdictional area. Please review this delineation and evaluate your proposed activity to ensure that avoidance of the jurisdictional area is given full consideration in your design. Any work outside the designated jurisdictional area does not require a Section 404 permit.

Please include a copy of this letter and the corresponding jurisdictional delineation with any application to the Corps of Engineers for a Section 404 permit.

The receipt of your letter is appreciated. If you have questions, please contact Larry S. Flatau at (602) 640-5385 x 225.

Sincerely,

C.Am Palauran Cindy Lester Chief, Arizona Section Regulatory Branch

Enclosure(s)



U.S. ARMY CORPS OF ENGINEERS

NATIONWIDE PERMIT NUMBER 14

"ROAD CROSSINGS"

Pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344) the U.S. Army Corps of Engineers published the "Final Notice of Issuance, Reissuance, and Modification of Nationwide Permits" in the Federal Register (61 FR 65873) on December 13, 1996. Nationwide Permit (NWP) Number 14, effective February 11, 1997 is as follows:

- 14. Road Crossings. Fills for roads crossing waters of the United States (including wetlands and other special aquatic sites) provided the activity meets all of the following criteria:
 - a. The width of the fill is limited to the minimum necessary for the actual crossing;
- b. The fill placed in waters of the United States is limited to a filled area of no more than \1/3\ acre. Furthermore, no more than a total of 200 linear feet of the fill for the roadway can occur in special aquatic sites, including wetlands;
- c. The crossing is culverted, bridged or otherwise designed to prevent the restriction of, and to withstand, expected high flows and tidal flows, and to prevent the restriction of low flows and the movement of aquatic organisms;
- d. The crossing, including all attendant features, both temporary and permanent, is part of a single and complete project for crossing of a water of the United States; and,
- e. For fills in special aquatic sites, including wetlands, the permittee notifies the District Engineer in accordance with the "Notification" general condition. The notification must also include a delineation of affected special aquatic sites, including wetlands.

This NWP may not be combined with NWP 18 or NWP 26 for the purpose of increasing the footprint of the road crossing. Some road fills may be eligible for an exemption from the need for a Section 404 permit altogether (see 33 CFR 323.4). Also, where local circumstances indicate the need, District Engineers will define the term "expected high flows" for the purpose of establishing applicability of this NWP. (Sections 10 and 404)

The following Regional Conditions and Section 401 Water Quality Certifications have been adopted for non-tribal and

Regional Conditions - None

Section 401 Water Quality Certification

Non-tribal Lands

"Unique Waters"

- Certification denied

"Other Waters"

- Certified

Tribal Lands

"All Waters"

- Certification denied

"Unique Waters"

- West Fork of the Little Colorado River------Apache Co.
 Oak Creek and West Fork of Oak Creek-------Coconino Co. and Yavapai Co.
- 3. Peeples Canyon Creek------Yavapai Co.
- 4. Burro Creek------Yavapai Co.
- 5. Francis Creek------Yavapai Co. and Mohave Co.
- 6. Bonita Creek------Graham Co
- 7. Cienega Creek------Pima Co.
- 8. Aravaipa Creek------Graham Co. and Pinal Co.
- 9. Cave Creek and South Fork of Cave Creek----Cochise Co.
- 10. Buehman Canyon Creek------Pima Co-

Enclosure 1

tribal lands in Arizona:

[&]quot;All Waters" are all waters of the United States on tribal lands.

[&]quot;Other Waters" are all waters of the United States not designated as "Unique Waters."

[&]quot;Unique Waters" designated for antidegradation protection by A.A.C. R18-11-112 are listed below.

Section 404 Only Conditions

In addition to the General Conditions, the following conditions apply only to activities that involve the discharge of dredged or fill material into waters of the U.S., and must be followed in order for authorization by the NWPs to be valid:

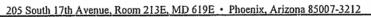
- 1. Water Supply Intakes: No discharge of dredged or fill material may occur in the proximity of a public water supply intake except where the discharge is for repair of the public water supply intake structures or adjacent bank stabilization.
- 2. Shellifish Production: No discharge of dredged or fill material may occur in areas of concentrated shellfish production, unless the discharge is directly relaxed to a shellfish harvesting activity authorized by NWP 4.
- 3. <u>Sultable Material</u>: No discharge of dredged or fill material may consist of unsuitable material (e.g., trash, debris, car bodies, asphalt, etc...) and material discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).
- 4. Miligation: Discharges of dredged or fill material into waters of the United States must be minimized or avoided to the maximum extent practicable at the project sits (Le., on-site), unless the District Engineer approves a compensation plan that the District Engineer determines is more beneficial to the environment than on-site minimization or avoidance measures.
- 5. Soawning Areas: Discharges in spawoing areas during spawning seasons must be avoided to the maximum extent practicable.
- 6. Obstruction of High Flows: To the maximum extent practicable, discharges must not permanently restrict or impede the passage of normal or expected high flows or couse the relocation of the water (unless the primary purpose of the fill is to impound waters).
- 7. Adverse Effects From Impoundments: If the discharge creates an impoundment of water, adverse effects on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow shall be minimized to the maximum extent practicable.
- 8. Waterfowl Breeding Areas: Discharges into breeding areas for migratory waterfowl must be avoided to the maximum extent practicable.
- 9. Removal of Temporary Fills: Any temporary fills must be removed in their entirery and the affected areas returned to their preexisting elevation.



Ariana Department of Transportation

Intermodal Transportation Division







Thomas G. Schmitt State Engineer

Fife Symington Governor

Larry S. Bonine Director

July 17, 1997

Jo Anne Miller State Historic Preservation Office Arizona State Parks 1300 West Washington Phoenix, AZ 85007

> SR 89A Clarkdale to Cottonwood Intersection Improvements and Highway Widening TRACS #89A YV 352 H4129 01L § 106 Consultation

Dear Ms. Miller:

As you know the Arizona Department of Transportation (ADOT) and Archaeological Research Services, Inc. (ARS) have implemented a SHPO-approved work plan for excavations at two sites on private land along SR 89A between Clarkdale and Cottonwood, Yavapai County, Arizona. These excavations were recently completed and ARS has recently completed a preliminary letter report on the work conducted.

Attached for your review and comment is the preliminary letter report for the archaeological testing and data recovery investigations at sites AZ N:8:40 (ASM) and AZN:8:41 (ASM) along State Route 89A, Cottonwood, Yavapai County, Arizona. ARS indicates that while conducting their investigations of site AZ N:8:40 (ASM) they examined the surrounding area, including land outside the proposed ADOT right-of-way. As a result of that examination, ARS identified two new prehistoric field houses which they recorded as sites AZ N:8:42 (ASM) and AZ N:8:43 (ASM) Since these new sites are outside the proposed ADOT right-of-way, I will not comment on their potential significance for nomination to the National Register of Historic Places. These two new sites were not investigated by ARS nor are they involved in the proposed ADOT project.

ARS indicates that these investigations have exhausted the data potential of site AZ N:8:40 (ASM) according to the approved work plan within the project area and have documented that site AZ N:8:41 (ASM) is located entirely outside the project area boundary. The report of these investigations is now being prepared and is expected to be completed in about four months. ADOT will provide you with a copy once it has been completed.

These investigations indicate that the only site within the project area, AZ N:8:40 (ASM) that is eligible for inclusion on the National Register of Historic Places has had its data values recorded

Lindauer letter to Jo Anne Manuer July 17, 1997 Page 2

and /or collected. No additional work needs to be done. Thus, the project to widen 89A will have no adverse effect on this significant cultural resource within the project area. If you agree, please indicate so by signing below. If you have any questions or need additional information, please contact me at 255-6819.

Sincerely,

OWEN LINDAUER, Ph.D.

Historic Preservation Specialist
Environmental Planning Section

White Huller Signature for SHPO Concurrence

Loak frivard to reading the ginal region.

Draft Environmental Assessment SR 89A: Cement Plant Rd – Black Hills Dr Project No. STP-A89-A-(002) TRACS No. 089 YV 349 H4129 01C



In Reply Refer To: AESO/SE 2-21-97-I-345 CCN 970682

United States Department of the Interior Fish and Wildlife Service

Arizona Ecological Services Field Office 2321 W. Royal Palm Road, Suite 103 Phoenix, Arizona 85021-4951 (602) 640-2720 Fax (602) 640-2730



August 7, 1997

Ms. Diane L. Douglas Logan Simpson & Dye 398 South Mill Avenue, Suite 200 Tempe, Arizona 85281

RE: Clarkedale-Cottonwood Categorical Exclusions SR 89A (MP 349.8 to 350.0)

Dear Ms. Douglas:

This letter responds to your July 24, 1997, request for an inventory of threatened or endangered species, or those that are proposed to be listed as such under the Endangered Species Act of 1973, as amended (Act), which may potentially occur in your project area (Yavapai County). The attached list may include candidate species as well. In the past, the U.S. Fish and Wildlife Service has provided project-specific species lists and information. However, staff reductions no longer permit us to provide this detailed level of assistance. We regret any inconvenience this may cause you and hope the enclosed county list of species will be helpful. In future communications regarding this project, please refer to consultation number 2-21-97-I-345.

The enclosed list of the endangered, threatened, proposed, and candidate species includes all those potentially occurring anywhere in the county, or counties, where your project occurs. Please note that your project area may not necessarily include all or any of these species. The information provided includes general descriptions, habitat requirements, and other information for each species on the list. Also on the enclosed list is the Code of Federal Regulations (CFR) citation for each listed or proposed species. Additional information can be found in the CFR and is available at most public libraries. This information should assist you in determining which species may or may not occur within your project area. Site-specific surveys could also be helpful and may be needed to verify the presence or absence of a species or its habitat as required for the evaluation of proposed project-related impacts.

Endangered and threatened species are protected by Federal law and must be considered prior to project development. If the action agency determines that listed species or critical habitat may be adversely affected by a federally funded, permitted, or authorized activity, the action agency must request formal consultation with the Service. If the action agency determines that the planned action may jeopardize a proposed species or destroy or adversely modify proposed critical habitat, the action agency must enter into a section 7 conference with the Service. Candidate species are those which are being considered for addition to the list of threatened or

endangered species. Candidate species are those for which there is sufficient information to support a proposal for listing. Although candidate species have no legal protection under the Act, we recommend that they be considered in the planning process in the event that they become listed or proposed for listing prior to project completion.

If any proposed action occurs in or near areas with trees and shrubs growing along watercourses, known as riparian habitat, the Service recommends the protection of these areas. Riparian areas are critical to biological community diversity and provide linear corridors important to migratory species. In addition, if the project will result in the deposition of dredged or fill materials into waterways or excavation in waterways, we recommend you contact the Army Corps of Engineers which regulates these activities under Section 404 of the Clean Water Act.

The State of Arizona protects some plant and animal species not protected by Federal law. We recommend you contact the Arizona Game and Fish Department and the Arizona Department of Agriculture for State-listed or sensitive species in your project area.

The Service appreciates your efforts to identify and avoid impacts to listed and sensitive species in your project area. If we may be of further assistance, please contact Tom Gatz.

Sincerely,

Knhe A. King for Sam F. Spiller Field Supervisor

Enclosure

cc: Director, Arizona Game and Fish Department, Phoenix, AZ

YAVAPAI

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

8/6/97

LISTED TOTAL= 14

NAME: ARIZONA AGAVE

AGAVE ARIZONICA

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 49 FR 21055, 05-18-1984

DESCRIPTION: HAS ATTRACTIVE ROSETTES OF BRIGHT GREEN LEAVES WITH DARK

MAHOGANY MARGINS. FLOWER: BORNE ON SUB-UMBELLATE

INFLORESCENCES

ELEVATION

RANGE: 3000-6000 FT

COUNTIES: GILA. YAVAPAI, MARICOPA

HABITAT: TRANSITION ZONE BETWEEN OAK-JUNIPER WOODLAND & MOUNTAIN MAHOGANY-OAK SCRUB

SCATTERED CLONES IN NEW RIVER MOUNTAINS AND SIERRA ANCHA USUALLY FOUND ON STEEP, ROCKY SLOPES. POSSIBLY MAZATAL MOUNTAINS. SHOULD BE LOOKED FOR WHEREVER THE RANGES OF Agave tourneyana var. bella AND Agave chrystantha OVERLAP.

NAME: ARIZONA CLIFFROSE

PURSHIA SUBINTEGRA

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 49 FR 22326 5-29-84

DESCRIPTION: EVERGREEN SHRUB OF THE ROSE FAMILY (ROSEACEAE). BARK PALE

SHREDDY, YOUNG TWIGS WITH DENSE HAIRS, LEAVES 1-5 LOBES AND

EDGES CURL DOWNWARD (REVOLUTE). FLOWERS: 5 WHITE OR YELLOW ELEVATION

PETALS < 0.5 INCH LONG.

RANGE: <4000 FT.

COUNTIES: GRAHAM YAVAPAI MARICOPA MOHAVE

HABITAT: CHARACTERISTIC WHITE SOILS OF TERTIARY LIMESTONE LAKEBED DEPOSITS

WHITE SOILS OF TERITIARY LIMESTONE LAKEBED DEPOSITS CAN BE SEEN FROM A DISTANCE.

NAME: HUALAPAI MEXICAN VOLE

MICROTUS MEXICANUS HUALPAIENSIS

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 52 FR 36776, 10-01-87

DESCRIPTION: SMALL, CINNAMON-BROWN MOUSE-SIZED WITH SHORT TAIL AND LONG

FUR THAT NEARLY COVERS ITS SMALL ROUND EARS.

ELEVATION

RANGE: 3500-7000 FT.

COUNTIES: MOHAVE, COCONINO, YAVAPAI

HABITAT: GRASS/FORB HABITATS IN PONDEROSA PINE, TYPICALLY NEAR WATER. (CONTINUED BELOW)

ALSO FOUND IN PINYON-JUNIPER & PINE-OAK ASSOCIATIONS WITH A VARIETY OF SHRUBS AND GRASSES.

DISTRIBUTION HAS GENERALLY BEEN CONSIDERED TO BE IN THE HUALAPAI MOUNTAIN RANGE AND POSSIBLY IN
THE PROSPECT VALLEY AND MUSIC MOUNTAINS. ONGOING RESEARCH SUGGESTS THAT POPULATIONS MAY
OCCUR IN THE HUALAPAI NATION, AUBREY CLIFFS, CHINO WASH, SANTA MARIA MOUNTAINS, BRADSHAW
MOUNTAINS, ROUND MOUNTAIN, AND SIERRA PRIETA MOUNTAINS. THE TAXON MAY ULTIMATELY BE RENAMED.

1

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY: 8/6/97

YAVAPAI

FR 13374, 03-21-1994

NAME: COLORADO SQUAWFISH

PTYCHOCHEILUS LUCIUS

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 32 FR 4001, 03-11-1967; 50

DESCRIPTION: LARGEST AMERICAN MINNOW (UP TO 6 FEET AND 80 POUNDS) DUSKY-GREEN, SLENDER BODY HAS GOLD FLECKS ON THE DORSAL SURFACE.

HEAD LONG AND SLENDER

ELEVATION

RANGE: <4000

FT

COUNTIES: GILA, YAVAPAI

HABITAT: WARM, SWIFT, TURBID MAINSTEM RIVERS. PREFERS EDDIES AND POOLS

EXPERIMENTAL NON-ESSENTIAL (TREATED AS PROPOSED THREATENED). NO CRITICAL HABITAT IN ARIZONA.

NAME: DESERT PUPFISH

CYPRINODON MACULARIUS

STATUS: ENDANGERED

CRITICAL HABITAT: Yes RECOVERY PLAN: Yes CFR: 51 FR 10842, 03-31-1986

DESCRIPTION: SMALL (2 INCHES) SMOOTHLY ROUNDED BODY SHAPE WITH NARROW

VERTICAL BARS ON THE SIDES. BREEDING MALES BLUE ON HEAD AND

SIDES WITH YELLOW ON TAIL. FEMALES & JUVENILES TAN TO OLIVE COLORED BACK AND SILVERY SIDES.

ELEVATION RANGE: <5000

FT.

FT.

COUNTIES: LA PAZ, PIMA, GRAHAM, MARICOPA, PINAL, YAVAPAI, SANTA CRUZ

HABITAT: SHALLOW SPRINGS, SMALL STREAMS, AND MARSHES. TOLERATES SALINE & WARM WATER

CRITICAL HABITAT INCLUDES QUITOBAQUITO SPRING, PIMA COUNTY, PORTIONS OF SAN FELIPE CREEK, CARRIZO WASH, AND FISH CREEK WASH, IMPERIAL COUNTY, CALIFORNIA. TWO SUBSPECIES ARE RECOGNIZED: DESERT PUPFISH (C. m. macularis) AND QUITOBAQUITO PUPFISH (C. m. eremus).

NAME: GILA TOPMINNOW

POECILIOPSIS OCCIDENTALIS OCCIDENTALIS

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 32 FR 4001, 03-11-1967

DESCRIPTION: SMALL (2 INCHES), GUPPY-LIKE, LIVE BEARING, LACKS DARK SPOTS ON

ITS FINS. BREEDING MALES ARE JET BLACK WITH YELLOW FINS.

ELEVATION

RANGE: <4500

COUNTIES: GILA, PINAL, GRAHAM, YAVAPAI, SANTA CRUZ, PIMA, MARICOPA, LA PAZ

HABITAT: SMALL STREAMS, SPRINGS, AND CIENEGAS VEGETATED SHALLOWS

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YAVAPAI

NAME: GILA TROUT

ONCORHYNCHUS GILAE

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 32 FR 4001, 03-11-1967

DESCRIPTION: DEEP BODIED WITH FINE PROFUSE SPOTTING ON THE BODY, DORSAL.

AND ADIPOSE FINS. DORSAL, ANAL, AND PELVIC FINS EDGED IN WHITE

ELEVATION

RANGE: 5000-10000 FT.

COUNTIES: YAVAPAI

HABITAT: SMALL HIGH MOUNTAIN STREAMS

PRESENTLY EXTRIPATED IN ARIZONA, ALTHOUGH A PRESUMED STOCKED POPULATION MAY EXIST IN GAP CREEK.

NAME: RAZORBACK SUCKER

XYRAUCHEN TEXANUS

STATUS: ENDANGERED

CRITICAL HABITAT: Yes RECOVERY PLAN: No CFR: 55 FR 21154, 05-22-1990;

59 FR 13374, 03-21-1994

FT

DESCRIPTION: LARGE (UP TO 3 FEET AND UP TO 16 POUNDS) LONG, HIGH SHARP-EDGED KEEL-LIKE HUMP BEHIND THE HEAD. HEAD FLATTENED ON TOP

OLIVE-BROWN ABOVE TO YELLOWISH BELOW.

ELEVATION

RANGE: <6000

COUNTIES: GREENLEE, MOHAVE, PINAL, YAVAPAI, YUMA, LA PAZ, MARICOPA (REFUGIA), GILA, COCONINO. GRAHAM

HABITAT: RIVERINE & LACUSTRINE AREAS, GENERALLY NOT IN FAST MOVING WATER AND MAY USE BACKWATERS

SPECIES IS ALSO FOUND IN HORSESHOE RESERVOIR (MARICOPA COUNTY).

NAME: SPIKEDACE

MEDA FULGIDA

STATUS: THREATENED

CRITICAL HABITAT: Yes RECOVERY PLAN: Yes CFR: 51 FR 23769,07-01-1986;

DESCRIPTION: SMALL (<3 INCHES) SLIM WITH SLIVERY SIDES & 'SPINE" ON DORSAL

59 FR 10905, 03-08-1994

FIN BREDING MALES BRASSY GOLDEN COLOR

ELEVATION

RANGE: <6000 FT

COUNTIES: GRAHAM, PINAL, GREENLEE, YAVAPAI, (AZ); GRANT, (NM)

HABITAT: MODERATE TO LARGE PERENNIAL STREAMS WITH GRAVEL COBBLE SUBSTRATES AND MODERATE TO SWIFT VELOCITIES

CRITICAL HABITAT IN ARAVAIPA CREEK, UPPER VERDE RIVER, AND PORTIONS OF GILA RIVER IN NEW MEXICO. PRESENTLY FOUND IN ARAVAIPA CREEK, EAGLE CREEK, VERDE RIVER ABOVE VERDE VALLEY, EAST-WEST-MAIN AND MIDDLE FORKS OF THE GILA RIVER IN NEW MEXICO, AND GILA RIVER FROM SAN PEDRO RIVER TO ASHURST HAYDEN DAM. CRITICAL HABITAT IS ONLY PROPOSED DUE TO A 1996 10TH CIRCUIT COURT DECISION SETTING ASIDE THE FINAL CRITICAL HABITAT PENDING COMPLIANCE WITH THE NATIONAL ENVIRONMENTAL POLICY ACT

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YAVAPAI

NAME: AMERICAN PEREGRINE FALCON

FALCO PEREGRINUS ANATUM

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 35 FR 16047, 10-13-70; 35

DESCRIPTION: A RECLUSIVE, CROW-SIZED FALCON SLATY BLUE ABOVE WHITISH

FR 8495, 06-02-70

BELOW WITH FINE DARK BARRING. THE HEAD IS BLACK AND APPEARS

TO BE MASKED OR HELMETED. WINGS LONG AND POINTED. LOUD

WAILING CALLS ARE GIVEN DURING BREEDING PERIOD

ELEVATION

RANGE: 3500-9000 FT.

COUNTIES: MOHAVE COCONINO NAVAJO APACHE SANTA CRUZ MARICOPA COCHISE YAVAPAI GILA PINAL PIMA GREENLEE GRAHAM

HABITAT: CLIFFS AND STEEP TERRAIN USUALLY NEAR WATER OR WOODLANDS WITH ABUNDANT PREY

THIS IS A WIDE-RANGING MIGRATORY BIRD THAT USES A VARIETY OF HABITATS. BREEDING BIRDS ARE YEAR-ROUND RESIDENTS. OTHER BIRDS WINTER AND MIGRATE THROUGH ARIZONA. SPECIES IS ENDANGERED FROM REPRODUCTIVE FAILURE FROM PESTICIDES.

NAME: BALD EAGLE

HALIAEETUS LEUCOCEPHALUS

STATUS: THREATENED

CRITICAL HABITAT: No RECOVERY PLAN: Yes CFR: 60 FR 35999, 07-12-95

DESCRIPTION: LARGE, ADULTS HAVE WHITE HEAD AND TAIL. HEIGHT 28 - 38"; WINGSPAN 66 - 96". 1-4 YRS DARK WITH VARYING DEGREES OF

MOTTLED BROWN PLUMAGE. FEET BARE OF FEATHERS.

ELEVATION

RANGE: VARIES

COUNTIES: YUMA, LA PAZ, MOHAVE, YAVAPAI, MARICOPA, PINAL, COCONINO, NAVAJO, APACHE, SANTA CRUZ, PIMA,

GILA, GRAHAM

HABITAT: LARGE TREES OR CLIFFS NEAR WATER (RESERVOIRS, RIVERS AND STREAMS) WITH ABUNDANT PREY

SOME BIRDS ARE NESTING RESIDENTS WHILE A LARGER NUMBER WINTERS ALONG RIVERS AND RESERVOIRS. AN ESTIMATED 200 TO 300 BIRDS WINTER IN ARIZONA. ONCE ENDANGERED (32 FR 4001, 03-11-1967; 43 FR 6233, 02-14-78) BECAUSE OF REPRODUCTIVE FAILURES FROM PESTICIDE POISONING AND LOSS OF HABITAT, THIS SPECIES WAS DOWN LISTED TO THREATENED ON AUGUST 11, 1995. ILLEGAL SHOOTING, DISTURBANCE, LOSS OF HABITAT CONTINUES TO BE A PROBLEM.

NAME: CACTUS FERRUGINOUS PYGMY-OWL

GLAUCIDIUM BRASILIANUM CACTORUM

STATUS: ENDANGERED

CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 62 FR 10730, 3-10-97

DESCRIPTION: SMALL (APPROX. 7"), DIURNAL OWL REDDISH BROWN OVERALL WITH

CREAM-COLORED BELLY STREAKED WITH REDDISH BROWN, SOME

INDIVIDUALS ARE GRAYISH BROWN ELEVATION

RANGE: <4000 FT.

COUNTIES: MARICOPA, YUMA, SANTA CRUZ, GRAHAM, GREENLEE, PIMA, PINAL, GİLA, YAVAPAI

HABITAT: MATURE COTTONWOOD/MILLOW, MESQUITE BOSQUES, AND SONORAN DESERTSCRUB

RANGE LIMIT IN ARIZONA IS FROM NEW RIVER (NORTH) TO GILA BOX (EAST) TO CABEZA PRIETA MOUNTAINS (WEST). ONLY A FEW DOCUMENTED SITES WHERE THIS SPECIES PERSISTS ARE KNOWN, ADDITIONAL SURVEYS ARE NEEDED. LISTING EFFECTIVE APRIL 9, 1997.

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY: 8/7/97

YAVAPAI

NAME: MEXICAN SPOTTED OWL

STRIX OCCIDENTALIS LUCIDA

STATUS: THREATENED

CRITICAL HAB Yes RECOVERY PLAN: Yes CFR: 56 FR 14678, 04-11-91

DESCRIPTION: MEDIUM SIZED WITH DARK EYES AND NO EAR TUFTS BROWNISH AND

HEAVILY SPOTTED WITH WHITE OR BEIGE.

ELEVATION

RANGE: 4100-9000 FT.

COUNTIES: MOHAVE, COCONINO, NAVAJO, APACHE, YAVAPAI, GRAHAM, GREENLEE, COCHISE, SANTA CRUZ. PIMA,

PINAL, GILA, MARICOPA

HABITAT: NESTS IN CANYONS AND DENSE FORESTS WITH MULTI-LAYERED FOLIAGE STRUCTURE

GENERALLY NESTS IN OLDER FORESTS OF MIXED CONIFER OR PONDERSA PINE/GAMBEL OAK TYPE, IN CANYONS, AND USE VARIETY OF HABITATS FOR FORAGING, SITES WITH COOL MICROCLIMATES APPEAR TO BE OF IMPORTANCE OR ARE PREFERED.

NAME: SOUTHWESTERN WILLOW FLYCATCHER

EMPIDONAX TRAILLII EXTIMUS

STATUS: ENDANGERED

CRITICAL HAB Yes RECOVERY PLAN: No CFR: 60 FR 10694, 02-27-95

DESCRIPTION: SMALL PASSERINE (ABOUT 6") GRAYISH-GREEN BACK AND WINGS, WHITISH THROAT, LIGHT OLIVE-GRAY BREAST AND PALE YELLOWISH

BELLY. TWO WINGBARS VISIBLE. EYE-RING FAINT OR ABSENT.

ELEVATION

RANGE: <8500 FT.

COUNTIES: YAVAPAI, GILA, MARICOPA, MOHAVE, COCONINO, NAVAJO, APACHE, PINAL, LA PAZ, GREENLEE, GRAHAM, YUMA, PIMA, COCHISE, SANTA CRUZ

HABITAT: COTTONWOODMILLOW & TAMARISK VEGETATION COMMUNITIES ALONG RIVERS & STREAMS

MIGRATORY RIPARIAN OBLIGATE SPECIES THAT OCCUPIES BREEDING HABITAT FROM LATE APRIL TO SEPTEMBER. DISTRIBUTION WITHIN ITS RANGE IS RESTRICTED TO RIPARIAN CORRIDORS. DIFFICULT TO DISTINGUISH FROM OTHER MEMBERS OF THE EMPIDONAX COMPLEX BY SIGHT ALONE. TRAINING SEMINAR REQUIRED FOR THOSE CONDUCTING FLYCATCHER SURVEYS. CRITICAL HABITAT ON PORTIONS OF THE 10D-YEAR FLOODPLAIN ON SAN PEDRO AND VERDE RIVERS; WET BEAVER AND WEST CLEAR CREEKS, INCLUDING TAVASCI MARSH AND ISTER FLAT; THE COLORADO RIVER, THE LITTLE COLORADO RIVER AND THE WEST, EAST, AND SOUTH FORKS OF THE LITTLE COLORADO RIVER, REFERENCE 60 CFR:62 FR 39129, 7/22/97.

LISTED, PROPOSED, AND CANDIDATE SPECIES FOR THE FOLLOWING COUNTY:

YAVAPAI

CANDIDATE TOTAL= 2

NAME: PAGE SPRINGSNAIL PYRGULOPSIS MORRISONI

STATUS: CANDIDATE CRITICAL HABITAT: No RECOVERY PLAN: No CFR:

DESCRIPTION: SMALL (<3mm) SNAIL WITH OVATE SHELL WITH FINE GROWTH LINES.

ELEVATION

RANGE: 3300-3600 FT.

COUNTIES: YAVAPAI

HABITAT: AQUATIC, SLOW OR STILL FRESHWATER USUALLY HEAD SPRINGS AND UPPER SECTION OF OUTFLOWS

CAN BE FOUND ON FIRM SUBSTANCES LIKE ROCK, WOOD, OR AQUATIC VEGETATION.

NAME: CHIRICAHUA LEOPARD FROG RANA CHIRICAHUENSIS

STATUS: CANDIDATE CRITICAL HABITAT: No RECOVERY PLAN: No CFR: 59 FR 58996

DESCRIPTION: CREAM COLORED TUBERCULES (spots) ON A DARK BACKGROUND ON

THE REAR OF THE THIGH, DORSOLATERAL FOLDS THAT ARE

INTERRUPTED AND DEFLECTED MEDIALLY, AND A CALL GIVEN OUT OF ELEVATION

WATER DISTINGUISH THIS SPOTTED FROG FROM OTHER LEOPRD RANGE: 3000-8300 FT.

COUNTIES: SANTA CRUZ, APACHE, GILA, PIMA, COCHISE, GREENLEE, GRAHAM, YAVAPAI, COCONINO, NAVAJO

HABITAT: STREAMS, RIVERS, BACKWATERS, PONDS, AND STOCK TANKS THAT ARE FREE FROM INTRODUCED FISH AND BULLFROGS

REQUIRE PERMANENT OR NEARLY PERMANENT WATER SOURCES. POPULATIONS NORTH OF THE GILA RIVER ARE THOUGHT TO BE CLOSELY-RELATED, BUT DISTINCT, UNDESCRIBED SPECIES.



Governor
File Symington
Consmissioners:
Chairman, Michael M. Golightly, Flagstaff
Herb Guenther, Taena
Fred Belman. Tucson
M. Jean Hassell. Scottsdale
Dennis D. Manning. Alpine

Director Duane L Shroufe

Deputy Director
Thomas W Spalding

GAME & FISH DEPARTMENT
2221 West Greenway Road, Phoenix, Arizona 85023-4399 (602) 942-3000

August 11, 1997

Ms. Diane L. Douglas Logan Simpson & Dye LLC 398 South Mill Avenue, Suite 200 Tempe, Arizona 85281

Re: Special Status Species List Request; ADOT Clarkdale-Cottonwood Highway Improvements; SR 89A; T16N, R3E, Sec. 19

Dear Ms. Douglas:

The Arizona Game and Fish Department (Department) has reviewed the materials provided on the above-referenced subject from your letter dated July 24, 1997, and we provide the following comments for your consideration.

The Department's Heritage Data Management System has been accessed and current records show that the special status species listed below have been documented as occurring in the project vicinity.

COMMON NAME	SCIENTIFIC NAME	STATUS
Arizona cliff rose	Purshia subintegra	LE,S,HS
bald eagle	Haliaeetus leucocephalus	LT,WC,S
common black-hawk	Buteogallus anthracinus	WC,S
Gila topminnow	Poeciliopsis occidentalis	LE, WC, S
GIIA COPMILIA	occidentalis	
lowland leopard frog	Rana yavapaiensis	WC,S
Mexican garter snake	Thamnophis eques megalops	WC,S
Page springsnail	Pyrgulopsis morrisoni	C
razorback sucker	Xyrauchen texanus	LE, WC, S
Ripley wild-buckwheat	Eriogonum ripleyi	S,SR
roundtail chub	Gila robusta	WC,S
Southwestern willow	Empidonax traillii extimus	LE,WC
flycatcher		
Verde Valley sage	Salvia dorrii mearnsii	S,SR
western yellow-billed	Coccyzus americanus	WC,S
cuckoo	occidentalis	
CUCKOO		

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STATUS DEFINITIONS

- LE Listed Endangered. Species identified by the U.S. Fish and Wildlife Service (USFWS) under the Endangered Species Act (ESA) as being in imminent jeopardy of extinction.
- LT Listed Threatened. Species identified by USFWS under ESA as being in imminent jeopardy of becoming Endangered.
- C Candidate. Species for which USFWS has sufficient information on biological vulnerability and threats to support proposals to list as Endangered or Threatened under ESA. However, proposed rules have not yet been issued because such actions are precluded at present by other listing activity.
- WC Wildlife of Special Concern in Arizona. Species whose occurrence in Arizona is or may be in jeopardy, or with known or perceived threats or population declines, as described by the Department's listing of Wildlife of Special Concern in Arizona (WSCA, in prep.). Species included in WSCA are currently the same as those in Threatened Native Wildlife in Arizona (1988).
- S Sensitive. Species classified as "sensitive" by the Regional Forester when occurring on lands managed by the U.S.D.A. Forest Service.
- HS Highly Safeguarded. Those Arizona native plants whose prospects for survival in this state are in jeopardy or are in danger of extinction, or are likely to become so in the foreseeable future, as described by the Arizona Native Plant Law (1993).
- SR Salvage Restricted. Those Arizona native plants not included in the Highly Safeguarded Category, but that have a high potential for theft or vandalism, as described by the Arizona Native Plant Law (1993).

The proposed highway improvement project occurs in the vicinity of designated Critical Habitat for the Southwestern willow flycatcher (Empidonax traillii extimus) (62 Federal Register 39129, July 22, 1997), and designated Critical Habitat for the razorback sucker (Xvrauchen texanus) (59 FR 13374, March 21, 1994). We recommend

Ms. Diane L. Douglas August 11, 1997

contacting USFWS, at the address listed below, for additional information regarding the Endangered Species Act and how it applies to Critical Habitat for the species noted above as well as for species listed above as "LE" and "LT".

Mr. Sam Spiller
State Supervisor
Arizona Ecological Services State Office
U.S. Fish and Wildlife Service
2321 West Royal Palm Road, Suite 103
Phoenix, Arizona 85021-4951
Phone: (602) 640-2720

At this time, the Department's comments are limited to the special status species information provided above. This correspondence does not represent the Department's evaluation of impacts to wildlife or wildlife habitat associated with activities occurring in the subject area. The Department would appreciate the opportunity to provide such an evaluation when specific details become available. Contact Robert Posey, Regional Habitat Program Manager, at (520) 692-7700 extension 110 if this type of evaluation applies to your project.

Thank you for the opportunity to provide this information. Please contact me at 789-3611 if you have any questions concerning this special status species list.

Sincerely,

Barbara Heslin

Barbara Heslin

Project Evaluation Specialist

Habitat Branch

cc: Rod Lucas, Regional Supervisor, Region III, Kingman Sam Spiller, State Supervisor, Ecological Services, USFWS

BSH:bh

AGFD# 7-29-97(08)



U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION REGION NINE Arizona Division 234 N. Central Ave. Suite 330 Phoenix, AZ 85004 September 9, 1997

IN REPLY REFER TO
HA-AZ
Project No. STP- 366()P
TRACS No.: 89A YV 349 H4129 01L
SR 89A; Clarkdale to Cottonwood
Intersection and Highway Widening

CERTIFIED MAIL

Mr. Don L. Klima
Director, Office of Planning and Review
Advisory Council for Historic Preservation
12136 West Bayaund Ave.
Suite 330
Lakewood, Colorado 80228

Dear Mr. Klima:

The Arizona Department of Transportation (ADOT) is planning to use State and Federal funds to upgrade SR 89A. As part of this project, archaeological testing was conducted to determine the eligibility of two sites, AZ N:8:40 (ASM) and AZ N:8:41 (ASM). Enclosed are copies of the SHPO-approved work plan and the preliminary testing report. The results of testing indicate that only AZ N:8:40(ASM) is eligible for inclusion on the National Register of Historic Places.

In recently completed consultation with the SHPO regarding this proposed project, it was determined that the testing investigations recently completed at the site led to the recordation of the data values of AZ N:8:40(ASM) and that no additional work needs to be done. Since site AZ N:8:40(ASM) is the only site within the project area and its data values have been recorded, the project to widen SR 89A will have no adverse effect on this resource.

Enclosed is a copy of SHPO's concurrence of the "no adverse effect." We are requesting your concurrence with the same no adverse effect finding. If you have questions, please call Steve Thomas at 602-379-3918. Thank you in advance for your assistance

Sincerely,

STEPHEN D. THOMAS

Robert E. Hollis Division Administrator

Enclosure

cc:

OLindauer - 619E





PUBLIC WORKS DEPARTMENT

Road Division D Engineering Division D Solid Waste Division D Special Districts Administration 1100 Commerce Drive Prescott, Arizona 86301 Phone (520) 771-3183 FAX (520) 771-3167

Richard L. Straub Director

January 12, 1996

Ms. Diane Simpson-Colebank Logan Simpson & Dye 398 S. Mill Avenue, Suite 200 Tempe, Az. 85281

RE: SR 89A Design Concept Report

Dear Ms. Simpson-Colebank,

Thank you for your letter of 12/28/95. Please be advised that a representative from Yavapai County, Jim Culbreth, did attend the walk through meeting held on 11/28/95 (copy of your letter to Jim Culbreth attached).

The following are my comments:

- The existing area is currently rural, but will change to urban in the future. Initial construction should be compatible with future needs.
- I believe a signal is needed at Black Hills intersection.
 This has recently been discussed at the Verde Valley T.P.O.
- Future utility placement should be placed in harmony with the proposed cross section.

I am in general agreement with your scope and items discussed at the scoping meeting.

Please keep us advised of the progress and future meetings.

Sincerely

Richard L. Straub Public Works Director

RLS/ps

CC: Carlton Camp, District Three Supervisor Foster Thrift, Project Management Director Jim Culbreth, 1/2 Cent Coordinator



ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

Fife Symington, Governor

Russell F. Rhoades, Director

ERP: 95-0075

January 19, 1996

Ms. Diane Simpson-Colebank Logan Simpson & Dye 398 S Mill Ave , Suite 200 Tempe AZ 85281

RE: SR 89A Design Concept Report

Dear Ms. Simpson-Colebank.

We have concluded our review of the referenced project relative to water quality impacts. Thank you for the opportunity to review your proposal during initial project planning. Since we have not been on site as a part of this review, our comments are limited to those which could be ascertained from the information you provide, our files and other available data sources. Our general comments follow:

- Those activities resulting in alterations of the natural environment should not cause or contribute to the exceedance of limits found in the <u>Water Quality Standards for Navigable Waters</u>, A A C Title 18, Chapter 11. Article 1
- The referenced project is subject to rules and requirements for environmental protection which are administered by local, State and Federal agencies. State 401 Water Quality Certification is required for all CWA permits issued except for Pre-Certified Nationwide Permits which are administered by the U.S. Army Corps of Engineers.
- Permits or approvals may be required by the county health department. Arizona Department of Environmental Quality (ADEQ). Arizona Department of Water Resources, U.S. Army Corps of Engineers or the U.S. Environmental Protection Agency if the overall project includes construction within a watercourse or a potable water supply, wastewater reuse facilities, or wastewater collection/holding/treatment/disposal facilities, or stormwater facilities, or a dam
- Runoff and seepage from roadways, embankments, and other alterations of the natural environment must not cause a violation of State Water Quality Standards.
- Water for dust suppression, if used, must not contain contaminants that could violate water quality standards for surface waters or aquifers.
- If culverts are used they should be adequately sized to handle the expected flow and properly set with the ends protected from erosion. Stormwater discharges should be managed to minimize the pollution of the waters of the State. Drainage from paved areas should not result in direct discharge to canals or environmentally sensitive waters.

3033 North Central Average Photonic Asinona 85017 (602)207-2300

The issue of curbs or no curbs will effect how stormwater is handled. If curbs are used to collect stormwater the water will be discharged from the highway into drains and culverts. Without curbs the stormwater will drain off of both sides of the road onto the adjoining land. The no-curb concept would be our choice to let the stormwater flow onto the roadside properties. The stormwater falling on the road will be concentrated in roadside ditches (rather than in curbs) until the ditch discharges it either onto the land surface or into a watercourse

We appreciate the opportunity to provide our comments during initial project planning. If you have any questions, please call me at (602) 207-4502.

Sinterely,

James Matt, P.E. Énvironmental Engineer



Governor
Fife Symington
Commissioners:
Chairman, Arthur Porter, Phoenix
Nonie Johnson, Snowflake
Michael M. Golightly, Flagstaff
Herb Guenther, Tucna
Fred Belman Tucsun

Director Duane L. Shroufe

Deputy Director Thomas W Spalding

GAME & FISH DEPARTMENT

2221 West Greenway Road, Phoenix, Arizona 85023-4399 (602) 942-3000 Kingman Office, 5325 N. Stockton Hill Rd, Kingman, AZ 86401

January 26, 1996

Diane Simpson-Colebank Logan Simpson and Dye 398 S. Mill Avenue Tempe, Arizona 85281

Re: State Route (SR) 89A Design Concept Report

Dear Mrs. Simpson-Colebank:

The Arizona Game and Fish Department (Department) has reviewed the above mentioned design concept report for SR 89A from the intersection of Cement Plant Road and SR 89A in Clarkdale to Verde Heights Drive in Cottonwood. We offer the following comments.

The Department's Heritage Data Management System has been accessed and current records show that the special status species listed below have been documented as occurring in project vicinity.

COMMON NAME	SCIENTIFIC NAME	STATUS
Arizona cliff rose common black-hawk desert sucker Gila topminnow	<u>Purshia subintegra</u> <u>Buteogallus anthracinus</u> <u>Catostomus clarki</u> <u>Poeciliopsis</u> <u>occidentalis</u>	LE,S,HS SC,S C2 LE,ST,S
longfin dace lowland leopard frog Mexican garter snake razorback sucker Ripley wild-buckwheat roundtail chub	occidentalis Agosia chrysogaster Rana yavapaiensis Thamnophis eques megalops Xyrauchen texanus Eriogonum ripleyi Gila robusta	C2 C2,SC,S C2,SC,S LE,SE,S C2,S
Sonora sucker Southwestern willow flycatcher Verde Valley sage yellow-billed cuckoo	Catostomus insignis Empidonax traillii extimus Salvia dorrii mearnsii Coccyzus americanus	C2,ST,S LE,SE C2,S,SR ST,S

STATUS DEFINITIONS

LE - Listed Endangered by the U.S. Fish and Wildlife Service (USFWS) under the Endangered Species Act (ESA). Species which are in imminent jeopardy of extinction.

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Mrs. Diane Simpson-Colebank January 26, 1996

- C2 Category 2 Candidate as identified by USFWS under ESA. Species being considered for listing as Threatened or Endangered pending more information.
- SE State Endangered on the Arizona Game and Fish Department's listing of Threatened Native Wildlife in Arizona (TNW). Species extirpated from Arizona since the mid-1800's or for Which extinction or extirpation is highly probable without conservation efforts.
- ST State Threatened on the Department's TNW list. Species with identified, serious threats and populations lower than they were historically and/or extremely local and small.
- 8C State Candidate on the Department's TNW list. Species with known or suspected threats, but for which substantial population declines from historical levels have not been documented.
- 8 Classified as "sensitive" by the Regional Forester when occurring on lands managed by the U.S.D.A. Forest Service.
- HS- Highly Safeguarded as defined by Arizona Native Plant Law. (1993)
- SR Salvage Restricted as defined by Arizona Native Plant Law. (1993)

Many of these species are included on the HDMS list due to the project's close proximity to the Verde River. In addition, the project occurs in the vicinity of proposed Critical Habitat for the southwestern willow flycatcher (Empidonax traillii extimus) (Federal Register 58 FR 39495, December 12, 1994), and designated Critical Habitat for the razorback sucker (Xyrauchen texanus) (54 FR 13374, March 21, 1994). We recommend contacting USFWS, at the address listed below, for additional information regarding ESA and how it applies to the species listed above.

Mr. Sam Spiller State Supervisor Arizona Ecological Services State Office U.S. Fish and Wildlife Service 2321 West Royal Palm Road, Suite 103 Phoenix, Arizona 85021-4951 Phone: (602) 640-2720

The Department requests that all access points currently existing along this stretch of SR 89A be maintained. Thank you for the opportunity to provide comments on how this project effects

Mrs. Diane Simpson-Colebank January 26, 1996

Arizona's wildlife resources. If you have any further questions regarding our comments on this project, please contact me at (520) 753-4613.

Sincerely,

Eric Gardner

Habitat Specialist, Kingman Region

ESG:eg

cc: Rod Lucas, Acting Regional Supervisor, Kingman Region Dave Walker, Supervisor, Project Evaluation Program, Phoenix Mark Peterson, Wildlife Manager, Verde Valley Sam Spiller, State Supervisor, Az E.S. State Office, USFWS

OFFICE OF THE



PUBLIC WORKS DEPARTMENT

□ Road Division □ Engineering Division □ Solid Waste Division □ Special Districts Administration
1100 Commerce Drive
Prescott, Arizona 86301
Phone (520) 771-3183
FAX (520) 771-3167

Richard L. Straub Director

February 7, 1996

Ms. Diane Simpson-Colebank Logan Simpson & Dye 398 S. Mill Avenue, Suite 200 Tempe, AZ. 85281

Dear Ms. Simpson-Colebank,

We know of no reason to have environmental concerns relative to the SR89A improvements project from Milepost 349.0 to milepost 351.2.

Please feel free to contact us if we can be further assistance.

Sincerely,

Richard L. Straub Public Works Director

RLS/kbc

cc: Carlton Camp, District Three Supervisor Ron Harris, Road Division Director Byron Jaspers, Assistant County Engineer



February 13, 1996

Diane Simpson-Colebank Logan Simpson & Dye 398 S. Mill Ave., Ste. 200 Tempe, AZ 85281

RE: SR 89A Design Concept Report

Intersection of Cement Plant Road and SR 89A to Verde

Heights Drive

Milepost 349.0 to Milepost 351.2 TRACS No. 89A YV 352 H412901L

of December 28, 1995, I feel that s for bicycles on the roadway should ADOT planning process.

the opportunity for the City of ne above named project. Please keep evelopments that occur. | |||| || || || || || || || || || In response to your letter consideration of facilitie be considered as part of !

Thank you for extending Cottonwood to comment on the me advised of any other de

Timothy J. Costello, P.E. City Engineer

Sincerely,

nwood, Arizona 86326 (520) 634-5526

827 North Main Street, Cotto

ARIZONA DEPARTMENT OF PUBLIC SAFETY

2102 WEST ENCANTO BLVD. P. O. BOX 6638 PHOENIX, ARIZONA 85005-6638 (602) 223-2000

FIFE SYMINGTON GOVERNOR JOE ALBO

13 February 1996

Ms. Diane Simpson Logan, Simpson and Dye 398 S. Mill St., Ste. 200 Tempe, AZ 85281

Dear Ms. Simpson:

This letter is in reference to the Arizona Department of Transportation project on I-17/McGuireville Traffic Interchange Design Concept Study and Environmental assessment.

Alternative 2A seems to be the simpliest, least expensive and would cause less disturbance to the existing businesses.

In reply to the Arizona Department of Transportation project on S.R. 89A from the Cement Plant Road to Black Hills Drive in Clarkdale, AZ. Sergeant Lloyd Jones has reviewed the information you have provided and finds no safety concerns regarding this project.

If I can be of any further assistance, please don't hesitate to call me at 776-9971 or 778-3271.

Sincerely,

F.A. Lopez, Lieutenant
District Twelve Commander

Department of Public Safety

FAL:dp



Northern Arizona Council of Governments

119 EAST ASPEN AVENUE • FLAGSTAFF, ARIZONA 86001-5296 • (520) 774-1894 RELAY: TDD: 1-800-367-8939; VOICE: 1-800-842-4681

KENNETH J. SWEET EXECUTIVE DIRECTOR

February 16, 1996

Ms. Diane Simpson-Colebank Project Environmental Planner Logan, Simpson & Dye 398 S. Mill Avenue, Suite 200 Tempe, Arizona 85281

Re: SR 89A Design Concept Report

Intersection of Cement Plant Road and SR 89A to Verde Heights Drive

Milepost 349.0 to Milepost 351.2

Dear Ms. Simpson:

After reviewing the notes from the November 28, 1995 Scoping Meeting for the above referenced project, I have one specific comment. Under the Typical Roadway Section discussion, a reference to "eight-foot shoulders on the rural section" noted that these shoulders would included a rumble strip. While there is little existing development along this corridor, it is still within the boundaries of a small urban area, which I believe should not require a standard rural section with rumble strips.

I have reviewed the Verde Valley Regional Transportation Study which includes this route as part of the Regional Bicycle Plan. To help facilitate safer and easier travel by bicyclists along this corridor, I would recommend that the DCR address bicycle facilities through either a rural section with eight-foot shoulders and no rumble strips, or an urban section with sidewalks and striped bike lanes.

If you have any questions regarding my comment, please feel free to contact me.

Sincerely,

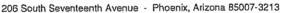
Chris Fetzer

Transportation Program Manager



ARIZONA DEPARTMENT OF TRANSPORTATION

INTERMODAL TRANSPORTATION DIVISION





FIFE SYMINGTON Governor

August 13, 1996

THOMAS G. SCHMITT State Engineer

LARRY S. BONINE

Dianne Simpson-Colebank Logan, Simpson, and Dye 398 S. Mill Ave. Suite 300 Tempe, AZ 85281

RE:

SR 89A Clarkdale to Cottonwood Intersection Improvements and Highway Widening TRACS No. 89A YV 352 H4129 01L

Dear Ms. Simpson-Colebank:

Yesterday I met with Brad Stone from Archaeological Research Services (ARS) regarding questions I had with the survey, work plan for the SR 89A project, and a 2-month old memo from ARS about the presence of a segment of historic railway grade that is within the right-of-way on the northwestern end of the project area. Because of an oversight, you were not sent a copy of this memo when it arrived. In my review of the work plan for this project I encountered this memo that indicated Segment 1 of the railway grade had good integrity and occurred within the project right-of-way. Brad Stone confirmed that Segment 1 of the railway grade was present in the northwestern end of the project area, had good preservation, and was potentially eligible for inclusion on the National Register for Historic Places (triggering a 4(f) situation). He showed us photos of the railway grade, which to our eyes indicated it to have a poor degree of integrity.

After seeing photos of Segment 1 we considered the segment not eligible for the NRHP and went to the SHPO to informally ask for a determination of eligibility. The outcome of the informal consultation based on the photos was that the SHPO suggested that Segment 1 was not eligible.

Correspondence in our file indicates Bob Gasser indicated that only one of the three railway grade segments had good integrity within the right-of-way and that it (Segment 2) would be avoided. We have no statement from your office that Segment 2 of the historic railway grade (located in the southeastern end of the project area) will be avoided and ask if you can provide us with such a statement. It may be necessary for you to provide us with a scale map of the northwest portion of the project area with the same station numbers on it so that ARS can plot the railway segment.

If we can avoid Segment 2 and Segment 1 remains ineligible then we will eliminate a possible 4(f) situation.

Once we have your statement that Segment 2 will be avoided, we can proceed with sending the survey report and work plan to SHPO and continue with the consultation process. If you have any questions about this project, please contact me at 255-6819.

Sincerely,

OWEN LINDAUER, Ph.D. Historic Preservation Specialist Environmental Planning Section

HIGHWAYS • TRANSPORTATION PLANNING • AERONAUTICS



Arizona Department of Transportation

Intermodal Transportation Division

Environmental Planning Section 205 South 17th Avenue, Room 213, MD 619E • Phoenix, Arizona 85007-3212



Fife Symington Governor

Larry S. Bonine

Thomas G. Schmitt State Engineer

September 11, 1996

James Garrison State Historic Preservation Office Arizona State Parks 1300 West Washington Phoenix, AZ 85007

> RE: SR 89A Clarkdale to Cottonwood Intersection Improvements and Highway Widening TRACS #89A YV 352 H4129 01L

Dear Mr. Garrison:

The Arizona Department of Transportation (ADOT) is planning a highway improvement and widening project along SR 89A. This is a federally funded project.

In a previous survey of the area, "Cultural Resources Survey of a 2.2 Mile Long Segment of Arizona Department of Transportation-owned Land Along State Route 89A Between Clarkdale and Cottonwood, Northeastern Yavapai County, Arizona," by Archaeological Research Services, Inc. (ARS) identified three sites, (AZ N:8:39, 40 and 41 [ASM]) two prehistoric sites and what remains of a historic railway grade. One site, AZ N:8:40 (ASM) contains two cobble masonry circular features (only one of which occurs within the project area, see Figure 2) thought to be structures, several rock features that could be related to prehistoric agriculture, and a low density artifact scatter. The other site, AZ N:8:41 (ASM) is a low-to-moderate density scatter of lithic artifacts. ARS indicated in this report that the historic railway grade (AZ N:8:39 [ASM]) was potentially eligible for inclusion on the National Register of Historic Places (NRHP). In my review of the cultural resources in the project area, after considering photographs (see enclosure) of the segments of the railway grade as they appear today, I did not consider them NRHP eligible because the sections lacked physical integrity and did not visually convey the values that meet criteria for inclusion. In support of my determination, I sought an informal determination of eligibility for the segments of the railway grades from yourself, William Collins, and Dr. Reba Grandrud. After being shown the photographs, each of you informally concurred with the determination that the railway grades were not NRHP eligible. The other two sites are potentially eligible for inclusion on the NRHP and we would like to conduct a testing program to obtain data to further evaluate National Register eligibility.

We have enclosed for your review the "Work Plan for Archaeological Fieldwork Investigations at Three Sites along State Route 89A Between Clarkdale and Cottonwood, Yavapai County, Arizona," by ARSIN Please consider this draft work plan modified in two ways as a result of my careful review. First, backhoe trenches which were not part of the draft work plan, will now be considered as part of testing as indicated in the attached addendum memo. And second, no work will be done at any of the three segments of the historic railway grade, since none are NRHP eligible.

This testing plan is sufficient to provide data to evaluate National Register eligibility for sites AZ N:8:40 [ASM] and AZ N:8:41 [ASM]. It is possible that testing might exhaust the data potential of the sites, since the possible structure at one site has been impacted by the landowner's heavy equipment and the lithic site may be found to have no depth, obviating the need to conduct data recovery. If you agree, would you please sign below indicating your concurrence.

September 11, 1996 Page 2 TRACS #89A YV 352 H4129 01L

I appreciate your good cooperation with our agency. Should you require additional information about this project or have questions, please contact me at 255-6819.

Sincerely,

OWEN LINDAUER, Ph.D. Historic Preservation Specialist Environmental Planning Section

Enclosures

Signature for SHPO Concurrence Date

also William Collins Historium 10/16/86



United States Department of the Interior Fish and Wildlife Service

Arizona Ecological Services Field Office 2321 W. Royal Palm Road, Suite 103 Phoenix, Arizona 85021-4951 (602) 640-2720 Fax (602) 640-2730



In Reply Refer To:

October 26, 1995

In Reply Refer To: AESO/SE 2-21-96-I-044

Ms. Diane Simpson-Colebank Environmental Planner Logan Simpson & Dye 398 S. Mill Avenue, Suite 200 Tempe, Arizona 85281

RE: US 89A Design Concept Report (TRACS No. 89A YV 352 H4129 01L)

Dear Ms. Simpson-Colebank:

This letter responds to your October 18, 1995, request for a list of species which are listed as threatened, endangered, or are proposed to be listed as such under the Endangered Species Act of 1973, as amended (Act), which may potentially occur in your project area. The enclosed list may include candidate species as well. In the past, the U.S. Fish and Wildlife Service has provided project-specific species lists and information. However, staff reductions no longer permit us to provide this detailed level of assistance. We regret any inconvenience this may cause you and hope the enclosed county list of species will be helpful. In future communications regarding this project, please refer to consultation number 2-21-96-I-044.

The enclosed list of the endangered, threatened, proposed, and candidate species includes all those potentially occurring anywhere in the county, or counties, where your project occurs. Please note that your project area may not necessarily include all or any of these species. The information provided includes general descriptions, habitat requirements, and other information for each species on the list. Also on the enclosed list is the Code of Federal Regulations (CFR) citation for each listed or proposed species. Additional information can be found in the CFR and is available at most public libraries. This information should assist you in determining which species may or may not occur within your project area. Site-specific surveys could also be helpful and may be needed to verify the presence or absence of a species or its habitat as required for the evaluation of proposed project-related impacts.

Endangered and threatened species are protected by Federal law and must be considered prior to project development. If the action agency determines that listed species or critical habitat may be adversely affected by a federally funded, permitted, or authorized activity, the action agency must request formal consultation with the Service. If the action agency determines that the

planned action may jeopardize a proposed species or destroy or adversely modify proposed critical habitat, the action agency must enter into a section 7 conference with the Service. Candidate species are those which are being considered for addition to the list of threatened or endangered species. Candidate species are those for which there is sufficient information to support a proposal for listing. Although candidate species have no legal protection under the Act, we recommend that they be considered in the planning process in the event that they become listed or proposed for listing prior to project completion.

If any proposed action occurs in or near areas with trees and shrubs growing along watercourses, known as riparian habitat, the Service recommends the protection of these areas. Riparian areas are critical to biological community diversity and provide linear corridors important to migratory species. In addition, if the project will result in fill materials into waterways, we recommend you contact the Army Corps of Engineers which regulates this activity under Section 404 of the Clean Water Act.

The State of Arizona protects some plant and animal species not protected by Federal law. We recommend you contact the Arizona Game and Fish Department and the Arizona Department of Agriculture for State-listed or sensitive species in your project area.

The Service appreciates your efforts to identify and avoid impacts to listed and sensitive species in your project area. If we may be of further assistance, please contact Tom Gatz.

Suffiller

Sincerely,

Sam F. Spiller Field Supervisor

Enclosure

cc: Director, Arizona Game and Fish Department, Phoenix, AZ



Governor Fife Symington Commissioners: hairman, Arthur Porter, Phoenix Noniz Johnson, Snowflake

Chairman, Arthur Porter, Phoenix Nonie Johnson, Snowflake Michael M. Golightly, Flagstaff Herb Guenther, Tacna Fred Belman, Tucson

> Director Duane L. Shroufe

Deputy Director Thomas W Spalding

GAME & FISH DEPARTMENT

2221 West Greenway Road, Phoenix, Arizona 85023-4399 (602) 942-3000

October 27, 1995

Ms. Diane Simpson-Colebank Logan Simpson & Dye 398 South Mill Avenue, Suite 200 Tempe, Arizona 85281

Re: Special Status Species - US 89A (Milepost 349.0 - 351.2) TRACS No. 89A YV 352 H4129 01L

Dear Ms. Simpson-Colebank:

The Arizona Game and Fish Department (Department) has reviewed the above-referenced request for the presence of special status species, and the following information is provided.

The Department's Heritage Data Management System has been accessed and current records show that the special status species listed below have been documented as occurring in the project vicinity.

COMMON NAME	SCIENTIFIC NAME	STATUS
Arizona cliff rose common black hawk desert sucker Gila topminnow	Purshia subintegra Buteogallus anthracinus Catostomus clarki Poeciliopsis occidentalis occidentalis	LE,S,HS SC,S C2 LE,ST,S
longfin dace Mexican garter snake Page springsnail razorback sucker Ripley wild-buckwheat roundtail chub Sonora sucker Southwestern willow	Agosia chrysogaster Thammophis eques megalops Pyrgulopsis morrisoni Xyrauchen texanus Eriogonum ripleyi Gila robusta Catostomus insignis Empidonax traillii extimus	C2 C2,SC,S C1 LE,SE,S C2,S,SR C2,ST,S C2 LE,SE
flycatcher Verde Valley sage yellow-billed cuckoo	Salvia dorrii mearnsii Coccyzus americanus	C2,S,SR ST

STATUS DEFINITIONS

- LE Listed as Endangered by the U.S. Fish & Wildlife Service (USFWS) under the Endangered Species Act of 1973 (ESA). Species which are in imminent jeopardy of extinction.
- C1 Category 1 Candidate as identified by USFWS under ESA. Species for which listing was determined to be appropriate, but listing is currently precluded by other priorities.

An Equal Oppor

is Agency

Ms. Diane Simpson-Colebank October 27, 1995

- C2 Category 2 Candidate as identified by the USFWS under ESA. Species being considered for listing as Threatened or Endangered, pending more information.
- SE State Endangered on the Department's <u>Threatened Native</u> <u>Wildlife in Arizona</u> (TNW) list. Species extirpated from Arizona since the mid-1800's, or for which extinction or extirpation is highly probable without recovery efforts.
- ST State Threatened on the Department's TNW list. Species with identified, serious threats and populations which are below historical levels and/or are extremely localized and small.
- SC State Candidate on the Department's TNW list. Species with known or suspected threats, though substantial population declines from historical levels have not been documented.
- S Classified as Sensitive by the Regional Forester, when occurring on lands managed by the Forest Service.
- HS Highly Safeguarded, as defined by Arizona Native Plant Law (1993).
- SR Salvage Restricted, as defined by the Arizona Native Plant Law (1993).

At this time, the Department's comments are limited to the special status species information provided above. This correspondence does not represent the Department's evaluation of effects to wildlife or wildlife habitat. The Department would appreciate the opportunity to provide such an evaluation, and would appreciate receiving a copy of the draft environmental assessment when it becomes available.

Thank you for the opportunity to provide this information. If you have any questions, please contact our Regional Habitat Program Manager, Robert Posey at (520) 692-7700 or myself at (602) 789-3611.

Sincerely,

Greg Carmichael

Project Evaluation Specialist

Dreg Cormichael

Habitat Branch

GBC:gc

cc: Steve Ferrell, Regional Supervisor, Region III, Kingman

AGFD# 10-20-95(09)



DEPARTMENT OF THE ARMY

LOS ANGELES DISTRICT, CORPS OF ENGINEERS ARIZONA-NEVADA AREA OFFICE 3636 NORTH CENTRAL AVENUE, SUITE 760 PHOENIX, ARIZONA 85012-1936

November 9, 1995

Office of the Chief Regulatory Branch

Arizona Department of Transportation C/O Logan Simpson & Dye ATTN: Ms. Diane Simpson-Colebank 398 S. Mill Avenue, Suite 200 Tempe, Arizona 85281

File Number: 96-40062-LSF

Dear Ms. Simpson-Colebank:

Thank you for your letter of November 6, 1995 regarding your plan to evaluate improvements to the safety and operational capacity of SR 89A from the intersection of SR 89A and Cement Plant Road in Clarkdale to Verde Heights Drive in Cottonwood over Deception Gulch, Mescal Gulch and the three unnamed washes at (Section 29, T16N, R3E), and over Blowout Creek and the two unnamed washes at (Section 33, T16N, R3E), Yavapai County, Arizona.

This activity may require a Department of the Army permit issued under Section 404 of the Clean Water Act. A Section 404 permit is required for the discharge of dredged or fill material into the "waters of the United States," including adjacent wetlands. Examples of activities requiring a permit are placing bank protection, temporary or permanent stock-piling of excavated material, grading roads, grading (including vegetative clearing operations) that involves the filling of low areas or leveling the land, constructing weirs or diversion dikes, constructing approach fills, and discharging dredged or fill material as part of any other activity.

Enclosed you will find a permit application form and a pamphlet that describes our regulatory program. If you have any questions, please contact Larry S. Flatau at (602) 640-5385. Mr. Flatau will attempt to attend your November 28, 1995 meeting in Clarkdale, if his workload permits. Please refer to file number 96-40062-LSF in your reply.

Sincerely,

Cindy Lester

Chief, Arizona Section Regulatory Branch

Cindy Lotes

Enclosure(s)

Patricia McCabe

From: Tim Costello [tcostello@ci.cottonwood.az.us]

Sent: Tuesday, April 11, 2006 4:48 PM

To: Steve Martin

Cc: ojerez@azdot.gov; rblake@azdot.gov; steven_burroughs@clarkdale.az.us; Patricia McCabe

Subject: Re: TRACS No. 89A YV 349 H4129 01C - Cement Plant Road to Black Hills Drive

On the pedestrian crossing via the box culvert at Mescal Wash, I looked at the two "Mescal" crossings today. Both are 10' high and would allow people to walk through with ease. Neither location has any sign of an existing developed trail or even a casual social trail. The correspondence from Jerry Owen is about a future trail concept. If ADOT doesn't want to build the first leg of this trail concept, that's understandable. The important items for Cottonwood are the points that come from our City Council, reprinted below (the Mescal Wash trail was not included):

- 1. ADOT design a public education campaign to insure that the local public knows the rules of roundabout operation prior to the construction in 2007.
- 2. That the roundabout at Blackhills Realigned be shifted to existing Blackhills/Verde Heights.
- 3. That a maximum of 2 additional roundabouts be allowed between Blackhills and Groseta/Scenic to be built by future development upon demonstration of need.
- 4. That a future roundabout be allowed at Anna's Avenue, a ¼ mile NW of Groseta/Scenic, to be built by future development upon demonstration of need.
- 5. That ADOT consider building hardened emergency vehicle cross-overs so that emergency vehicles can bump over the median at least every 1000 feet.
- 6. That the Prescott District pursue, along with the local communities, an Enhancement Grant for the segment to provide pedestrian, bicycle and landscape improvements.

Steve Martin wrote:

Please let me know if any of you need a ride to the meeting. Thanks.

Regards,

Stephen A. Martin, P.E. Kirkham Michael Consulting Engineers 9201 North 25th Avenue, Suite 150 Phoenix, AZ 85021 Phone: (602) 328-5763 Fax: (602) 944-6592

4/17/2006



Arizona Department of Transportation

Intermodal Transportation Division

206 South Seventeenth Avenue Phoenix, Arlzona 85007-3213

Sam Elters State Engineer

Victor M. Mendez

June 8, 2006

Dr. David Jacobs, Compliance Specialist State Historic Preservation Office Arizona State Parks 1300 W. Washington Phoenix, Arizona 85007

RE: Project No. STP-089-A(002)

TRACS No. 089A YV 349 H4129 01C SR 89A, Clarkdale-Cottonwood Continuing Section 106 Consultation

Dear Dr. Jacobs:

The Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT) are submitting for review and comment the enclosed report entitled "Results of Archaeological Testing at AZ N:8:41 (ASM) and AZ N:8:42 (ASM), State Route 89A Between Mileposts 349.0 and 351.2, West of Cottonwood, Yavapai County, Arizona" (Rapp 2006, prepared by Logan Simpson Design Inc. (LSD). This report describes archaeological testing associated with the reconstruction and widening of SR 89A.

LSD conducted testing at sites AZ N:8:41 (ASM) and AZ N:8:42 (ASM) in November of 2005. This testing was conducted to evaluate the National Register of Historic Places eligibility of the sites, and if appropriate, to mitigate potential impacts to the site from the proposed undertaking. Testing proceeded, for the most part, in a manner consistent with the approved work plan entitled "A Cultural Resources Treatment Plan for AZ N:8:41 (ASM) and AZ N:8:42 (ASM), State Route 89A Between Mileposts 349.0 and 351.2, West of Cottonwood, Yavapai County, Arizona" (Walsh 2005). The SHPO concurred with the work plan on 18 July 2005 (Jacobs [SHPO] to Laine [ADOT]).

The only modification to the work plan involved hand excavating three test units to assess the potential for buried cultural deposits within the APE at site AZ N:8:41 (ASM), rather than backhoe trenching. Backhoe trenching was not employed at AZ N:8:41 (ASM) because of restricted access, traffic control issues, and steep slopes, No modifications to the treatment plan were necessary for testing at AZ N:8:42 (ASM); three backhoe trenches were excavated as planned.

No features or other subsurface cultural deposits were identified in the APE at either AZ N:8:41 (ASM) or AZ N:8:42 (ASM). The research indicates the boundaries of both sites are larger than

Jacobs TRACS No. 089A YV 349 H4129 01C June 8, 2006 Page 2 of 2

previously documented. Additionally, surface features remain visible outside the APE at AZ N:8:42 (ASM).

After reviewing this report, FHWA/ADOT find that the testing investigations at these sites are adequate. It is recommended that no further archaeological work is necessary to mitigate impacts to either AZ N:8:41 (ASM) or AZ N:8:42 (ASM) within the current project area.

Please review the enclosed report and the information provided in this letter. If you agree with the report's adequacy, and find that no additional archaeological work is required, please sign below to indicate your concurrence. If you have any questions or concerns, please feel free to contact me at (928) 779-7579 or by e-mail at dzimmerman@azdot.gov.

Sincerely,

David Zimmerman

Historic Preservation Specialist

Environmental & Enhancement Group

1801 S. Milton Road Flagstaff, AZ 86001

Signature for SHPO Concurrence

Enclosure

cc: SThomas (FHWA)

Arizona Governori Award for Quality



Arizona Department of Transportation

Intermodal Transportation Division

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Janet Napolitano Governor

> Victor M. Mendez Director

June 1, 2005

John A. Bogert Chief of Staff

Jamie Fullmer, Chair Yavapai-Apache Nation P. O. Box 1188 2400 W. Datsi St. Camp Verde, AZ 86322

RE:

Project No. STP-089-A(002)

TRACS No. 089 YV 349 H4129 01C

Clarkdale-Cottonwood Section 106 Consultation

Dear Chairperson Fullmer:

As you are aware, the Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT) are planning the reconstruction and widening of State Route (SR) 89A between Mileposts (MP) 349.0 and 351.2. As this project would employ federal funds, it is considered an undertaking subject to Section 106 review. This project occurs on ADOT-owned and private land. Consulting parties for this project include FHWA, ADOT, the State Historic Preservation Office (SHPO), the Hopi Tribe, and the Yavapai-Apache Nation.

FHWA/ADOT previously consulted with your office April 18, 2005 (Hollis [FHWA] to Randall [Yavapai-Apache Nation]) regarding eligibility recommendations and effect determination. FHWA/ADOT also committed to developing and implementing a treatment plan to evaluate the National Register eligibility of sites AZ N:8:41 (ASM) and AZ N:8:42 (ASM) that cannot be avoided by the project.

At this time, FHWA/ADOT are submitting the enclosed cultural resources treatment plan for eligibility testing and data recovery, A Cultural Resources Treatment Plan for AZ N:8:41 (ASM) and AZ N:8:42 (ASM), State Route 89A Between Mileposts 349.0 and 351.2, West of Cottonwood, Yavapai County, Arizona (Walsh 2005) for your review.

Fullmer June 1, 2005 Page 2 of 2

If you find the treatment plan adequate, please indicate your concurrence by signing below. If you have any questions or concerns, please feel free to contact me at 602-712-8636 or e-mail slaine@azdot.gov.

Sincerely, Servele E. Lavie

Serelle E. Laine

Historic Preservation Coordinator Environmental & Enhancement Group

205 South 17th Avenue, Room 213E / MD 619E

Phoenix, Arizona 85007

Signature for Yavapai-Apache Nation Concurrence

Date

Enclosure

cc: Chris Coder, Tribal Archaeologist (w/enclosure) SThomas (FHWA)



Arizona Department of Transportation

Intermodal Transportation Division

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Governor Victor M. Mendez Director John A. Bogert Chief of Staff

June 1, 2005

Leigh Kuwanwisiwma
The Hopi Tribe
Cultural Preservation Office
P. O. Box 123
Kykotsmovi, AZ 86039

RE:

Project No. STP-089-A(002)

TRACS No. 089 YV 349 H4129 01C

Clarkdale-Cottonwood Section 106 Consultation

Dear Mr. Kuwanwisiwma:

As you are aware, the Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT) are planning the reconstruction and widening of State Route (SR) 89A between Mileposts (MP) 349.0 and 351.2. As this project would employ federal funds, it is considered an undertaking subject to Section 106 review. This project occurs on ADOT-owned and private land. Consulting parties for this project include FHWA, ADOT, the State Historic Preservation Office (SHPO), the Hopi Tribe, and the Yavapai-Apache Nation.

FHWA/ADOT previously consulted with your office April 18, 2005 (Hollis [FHWA] to Kuwanwisiwma [Hopi]) regarding eligibility recommendations and effect determination. FHWA/ADOT also committed to developing and implementing a treatment plan to evaluate the National Register eligibility of sites AZ N:8:41 (ASM) and AZ N:8:42 (ASM) that cannot be avoided by the project.

At this time, FHWA/ADOT are submitting the enclosed cultural resources treatment plan for eligibility testing and data recovery, A Cultural Resources Treatment Plan for AZ N:8:41 (ASM) and AZ N:8:42 (ASM), State Route 89A Between Mileposts 349.0 and 351.2, West of Cottonwood, Yavapai County, Arizona (Walsh 2005) for your review.

Kuwanwisiwma June 1, 2005 Page 2 of 2

If you find the treatment plan adequate, please indicate your concurrence by signing below. If you have any questions or concerns, please feel free to contact me at 602-712-8636 or e-mail slaine@azdot.gov.

Sincerely,

Servelle E. Laine

Historic Preservation Coordinator

Historic Preservation Coordinator Environmental & Enhancement Group 205 South 17th Avenue, Room 213E / MD 619E Phoenix, Arizona 85007

Signature for Hopi Tribe Concurrence Date

Enclosure

cc: SThomas (FHWA)



Arizona Division 400 East Van Buren Street One Arizona Center Suite 410 Phoenix, Arizona 85004-2264

April 18, 2005

In Reply Refer To: HA-AZ STP-A89-A(002) SR-89A; Milepost 349 – 351.2 TRACS No. 089 YV 349 H4129 01C Section 106 Consultation

Mr. Leigh Kuwanwisiwma The Hopi Tribe Cultural Preservation Office P. O. Box 123 Kykotsmovi, Arizona 86039

Dear Mr. Kuwanwisiwma:

The Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT) are planning the reconstruction and widening of State Route (SR) 89A between Mileposts (MP) 349.0 and 351.2. As this project would employ federal funds, it is considered an undertaking subject to Section 106 review. This project occurs on ADOT owned and private land. Consulting parties for this project include FHWA, ADOT, the State Historic Preservation Office (SHPO), the Hopi Tribe, and the Yavapai-Apache Nation.

The scope of this project would involve the construction of five round-about traffic circles at the intersection of SR 89A and Old SR 89A in Clarkdale, and at the intersections of SR 89A with Valley View Road, Lincoln Drive, Groseta Ranch Road, and the realigned Black Hills Drive. Additional ground disturbing activities would include widening the existing 2-lane minor arterial to a rural 5-lane highway, extending box culverts, and realigning intersecting streets. New right-of-way (ROW) and temporary construction easements (TCEs) are necessary for this project. The area of potential effect (APE) is the entire variable width corridor, which is generally 100-ft-wide but expands to 383-ft-wide at the round-about circles between MP 349.0 and 351.2.

Portions of the APE were previously surveyed by Archaeological Research Services, Inc. (ARS) in conjunction with separate undertakings. The results are reported in "Cultural Resources Survey of a 35.85 Mile Segment of U.S. Alternative Route (U.S. 89A) Right-of-way in Northeastern Yavapai County, Arizona" (Hathaway and Gregory 1991) and "Cultural Resources Survey of a 2.2 Mile Long Segment of Arizona Department of Transportation-Owned Land Along State Route 89 Between Clarkdale and Cottonwood, Northeastern Yavapai County, Arizona" (Stone 1996). Four sites were recorded within the current project APE as a result of the survey: AZ N:7:61 (ASM), AZ N:8:39 (ASM), AZ N:8:40 (ASM), and AZ N:8:41 (ASM).



AZ N:7:61 (ASM) is the historic Prescott-Jerome Highway. The National Register of Historic Places (NRHP)-eligibility of AZ N:7:61 (ASM) was not previously evaluated. According to the Interim Procedures for Treatment of Historic Roads (November 15, 2002), AZ N:7:61 (ASM) is recognized as part of the Historic State Highway System and is recommended as eligible for inclusion in the NRHP under Criterion D, for its potential to yield important information about the development of Arizona's roadways.

AZ N:8:39 (ASM), remnants of an historic railroad grade, was recommended to be ineligible for inclusion in the NRHP; SHPO concurred with this recommendation (Miller [SHPO] to Lindauer [ADOT], October 16, 1996).

AZ N:8:41 (ASM), a low-to-moderate density scatter of lithic artifacts, was not previously evaluated for its NRHP-eligibility.

AZ N:8:40 (ASM), consisting of two cobble masonry circular features, was subjected to testing/data recovery to determine its NRHP-eligibility. The information potential of AZ N:8:40 (ASM) was exhausted as a result of these investigations; SHPO concurred with this recommendation (Miller [SHPO] to Lindauer [ADOT], August 22, 1997).

A fifth site, AZ N:8:42 (ASM), was identified and recorded during the testing of AZ N:8:40 (ASM) (Stone [ARS] to Gasser [ADOT], June 24, 1996). It has not been evaluated for its NRHP-eligibility.

The remainder of the APE, which includes the new ROW and TCEs, has recently been surveyed by Logan Simpson Design, Inc. (LSD). The survey results are reported in "A Cultural Resources Survey of 15 Acres at Five Intersections Along SR 89A, Between Mileposts 349.0 and 351.2, Clarkdale and Cottonwood, Yavapai County, Arizona" (Lonardo 2004a), and are enclosed here for your review. One newly recorded site, AZ N:4:107 (ASM), was identified as a result of the survey, and AZ N:7:61 (ASM)/the historic Prescott-Jerome Highway was documented, as reported separately in "Report on Old US 89A Between Mileposts 448.9 and 449.2 for Documentation of the Information Potential Associated with the Historic State Highway System" (Lonardo 2004b).

Site AZ N:4:107 (ASM) is identified as an historic to modern trash dump. The site contains a high density of surface artifacts. FHWA recommends this site as ineligible for inclusion in the NRHP, as it fails to meet the NRHP Criteria of historical significance. It is not associated with a broad historical pattern or event (Criterion A); it is not associated with a significant person (Criterion B); it does not possess distinguishing characteristics of design, artistry, engineering, or craftsmanship (Criterion C); and lastly, it does not contain significant amounts of information relevant to a particular research topic (Criterion D).

FHWA recognizes that the current roadway project would alter the historic fabric of the Prescott-Jerome roadway, however the location and function of the road will not be altered. FHWA recommends, however, that documentation of AZ N:7:61 (ASM)/the historic Prescott-Jerome Highway within the APE results in "no adverse effect" on the roadway.

Because sites AZ N:8:41 (ASM) and AZ N:8:42 (ASM) cannot be avoided by the project, FHWA commits to developing and implementing a treatment plan to evaluate the NRHP-

eligibility of the two sites. Should the sites be determined eligible for inclusion in the NRHP as a result of testing, further data recovery would be conducted.

Please review the enclosed report and the information provided in this letter. If you find the reports adequate and agree with FHWA's eligibility recommendations and determination of "no adverse effect", please indicate your concurrence by signing below. At this time, FHWA is also inquiring whether you have any concerns regarding historic properties of religious or cultural importance to your community within the project area. If you have such concerns, any information you might provide within 30 days of receipt of this letter would be considered in the project planning. If your office opts to participate in cultural resource consultation at a later date, FHWA would make a good faith effort to address any concerns. However, such consultation would not necessitate a reconsideration of this recommendation of project effect. If you have any questions or concerns, please feel free to contact Serelle E. Laine at 602.712.8636 or e-mail slaine@azdot.gov.

Sincerely,

STEPHEN D. THOMAS

Robert E. Hollis Division Administrator

Signature for Hopi Tribe Concurrence	Date	
Enclosures		
cc:		

SThomas SLaine (619E) SDT:cdm



Arizona Division 400 East Van Buren Street One Arizona Center Suite 410 Phoenix, Arizona 85004-2264

April 19, 2005

In Reply Refer To: HA-AZ STP-A89-A(002) SR-89A; Milepost 349 – 351 2 TRACS No. 089 YV 349 H4129 01C Section 106 Consultation

Mr. Vincent Randall, Chair Yavapai-Apache Nation P. O. Box 1188 2400 W. Datsi St. Camp Verde, Arizona 86322

Dear Chairman Randall:

The Federal Highway Administration (FHWA) and the Arizona Department of Transportation (ADOT) are planning the reconstruction and widening of State Route (SR) 89A between Mileposts (MP) 349.0 and 351.2. As this project would employ federal funds, it is considered an undertaking subject to Section 106 review. This project occurs on ADOT owned and private land. Consulting parties for this project include FHWA, ADOT, the State Historic Preservation Office (SHPO), the Hopi Tribe, and the Yavapai-Apache Nation.

The scope of this project would involve the construction of five round-about traffic circles at the intersection of SR 89A and Old SR 89A in Clarkdale, and at the intersections of SR 89A with Valley View Road, Lincoln Drive, Groseta Ranch Road, and the realigned Black Hills Drive. Additional ground disturbing activities would include widening the existing 2-lane minor arterial to a rural 5-lane highway, extending box culverts, and realigning intersecting streets. New right-of-way (ROW) and temporary construction easements (TCEs) are necessary for this project. The area of potential effect (APE) is the entire variable width corridor, which is generally 100-ft-wide but expands to 383-ft-wide at the round-about circles between MP 349.0 and 351.2.

Portions of the APE were previously surveyed by Archaeological Research Services, Inc. (ARS) in conjunction with separate undertakings. The results are reported in "Cultural Resources Survey of a 35.85 Mile Segment of U.S. Alternative Route (U.S. 89A) Right-of-way in Northeastern Yavapai County, Arizona" (Hathaway and Gregory 1991) and "Cultural Resources Survey of a 2.2 Mile Long Segment of Arizona Department of Transportation-Owned Land Along State Route 89 Between Clarkdale and Cottonwood, Northeastern Yavapai County, Arizona" (Stone 1996). Four sites were recorded within the current project APE as a result of the survey: AZ N:7:61 (ASM), AZ N:8:39 (ASM), AZ N:8:40 (ASM), and AZ N:8:41 (ASM).





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Sincerely,

STEPHEN D. THOMAS

Robert E. Hollis Division Administrator

Signature for Yavapai-Apache Nation Concurrence	Date

cc: Chris Coder, Tribal Archaeologist (w/enclosures) SThomas SLaine (619E) SDT:cdm